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MATERIAŁY  
DO  
KLIMATOLOGII GALICJI

ZEBRANE PRZEZ  
SEKCJĘ METEOROLOGICZNĄ

KOMISJI FIZYOGRAFICZNEJ AKADEMII UMIEJĘTNOŚCI.

ROK 1877.

(Odbitek ze Sprawozd. Kom. Fizyograf.)

KRAKÓW,  
W C. K. Drukarni Uniwersytetu Jagiellońskiego  
pod zarządem I. Stelcła.  
1878.

Biblioteka Jagiellońska





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# Wypadki spostrzeżeń meteorologicznych dokonanych w Galicyi w roku meteorologicznym 1877

zestawione w c. k. Obserwatorium astron. krakowskiem

pod nadzorem Prof. Dra F. KARLIŃSKIEGO.

Komisja fizyograficzna c. k. Akademii Umiejętności w Krakowie otrzymała w roku 1877 spostrzeżenia meteorologiczne z 30tu miejsc następujących: z Bielska (na Szląsku), Żywca, Wadowic, Suchy, Czernichowa, Zakopanego, Krakowa, Rabki, Poronina, Wieliczki, Jodłownika, Bochni, Nowego Sącza, Ujścia Jezuickiego, Krynicy, Tarnowa, Kołaczyc, Dobrzeczoła, Rzeszowa, Stariej Wsi, Maniowa, Jarosławia, Drohobyczy, Lwowa, Stanisławowa, Złoczowa, Brzeżan, Kołomyi, Tarnopola i Czortkowa.

Położenie jeograficzne tych miejsc, ich wzniesienie nad poziom morza wyrażone w metrach, oraz nazwiska Szanownych PP. Obserwatorów podaje tablica następująca:

| Miejsce<br>sposrzczeń | Długość<br>od<br>Ferro | Széro-<br>kość<br>północna | Wzniesienie<br>nad morze<br>w metrach | Nazwisko Obserwatora                             |
|-----------------------|------------------------|----------------------------|---------------------------------------|--|
| 1. Bielsko . . .      | 36° 42'                | 49° 48'                    | 344·8*                                | W. KOLBENHEYER prof.<br>gimnazyjalny.            |
| 2. Żywiec . . .       | 36 52                  | 49 41                      | 353·9                                 | W. EDWARD KLAUS urzę-<br>dnik arcyksiążęcy.      |
| 3. Wadowice . .       | 37 10                  | 49 53                      | 267·5                                 | W. Dr. A. GRACZYŃSKI<br>prof. gimnazyjalny.      |
| 4. Sucha . . . .      | 37 16                  | 49 45                      | 337·1                                 | W. E. MEYER właściciel<br>aptéki.                |
| 5. Czernichów . .     | 37 21                  | 49 59                      | 225·±                                 | W. GIERMAŃSKI nauczy-<br>ciel szkoły rolniczej.  |
| 6. Zakopane . . .     | 37 36                  | 49 18                      | 821·9                                 | W. Dr. L. GANCZARSKI lé-<br>karz zakładowy.      |
| 7. Kraków . . .       | 37 37                  | 50 4                       | 220·3                                 | W. Dr. D. WIERZBICKI<br>adjunkt c. k. Obs. astr. |
| 8. Rabka . . . .      | 37 38                  | 49 36                      | 507·1                                 | W. Dr. KOPERNICKI lé-<br>karz zdrojowy.          |

\*) Według łaskawie przez prof. KOLBENHEYERA udzielonej wiadomości wzniesienie zera barometru w Bielsku, od d. 1 Lipca 1873 do końca Wrze-  
śnia 1875 było 335·4 metrów; zaś od dnia 1 Października 1875 jest 344·8.

| Miejsce<br>sposzrzeżeń | Długość<br>od<br>Ferro | Széro-<br>kość<br>północna | Wzniesienie<br>nad morze<br>w metrach | Nazwisko Obserwatora                            |
|------------------------|------------------------|----------------------------|---------------------------------------|---|
| 9. Poronin . . .       | 37° 40'                | 49° 20'                    | 742'1                                 | W. J. X. W. ROSZEK proboszcz miejscowy.         |
| 10. Wieliczka . .      | 37 44                  | 49 59                      | 277'9                                 | W. L. SCHREITER c. k. nadmiernik.               |
| 11. Jodłownik . .      | 37 54                  | 49 46                      | 344'4                                 | W. KONST. ROMER właściciel dóbr.                |
| 12. Bochnia . . .      | 38 6                   | 49 58                      | 226'4                                 | W. F. HAHN dyrektor szkoły wydziałowej.         |
| 13. Nowy Sącz . .      | 38 22                  | 49 47                      | 298'±                                 | W. DRZYMUCHOWSKI prof. gimnazjalny.             |
| 14. Ujście Jeznick.    | 38 24                  | 50 14                      | 175'±                                 | W. SYLWESTER ŁUSZCZAK c. k. poborca cłowy.      |
| 15. Krynica . . .      | 38 37                  | 49 24                      | 586'8                                 | JP. WILHELM SEIDLER łaźnielny zakładu zdroj.    |
| 16. Tarnów . . .       | 38 40                  | 50 1                       | 210'2                                 | WW. JX. LENARTOWICZ i E. BOŚNIACKI właśc. apt.  |
| 17. Kołaczyce . .      | 39 6                   | 49 48                      | 234'5                                 | W. JX. TEXTORYS proboszcz miejscowy.            |
| 18. Dobrzechów .       | 39 25                  | 49 52                      | 243'0                                 | W. JX. Prałat S. BUCHWALD dziekan strzyżów.     |
| 19. Rzeszów . . .      | 39 40                  | 50 3                       | 214'0                                 | WW. J. KOWALSKI i A. ENGEL naucz. sem. naucz.   |
| 20. Stara-Wieś . .     | 39 41                  | 49 43                      | 297'0                                 | W. J. X. FR. XAW. HABENI Członek Tow. Jezus.    |
| 21. Maniów . . .       | 39 52                  | 49 13                      | 664'±                                 | W. J. X. MIRON PODOLIŃSKI proboszcz miejscowy.  |
| 22. Jarosław . . .     | 40 21                  | 50 1                       | 203'9                                 | WW. L. LEMOCH i P. Dziwiński prof. szkoły real. |
| 23. Drohobycz . .      | 41 10                  | 49 21                      | 234'3                                 | W. A. PAZDROWSKI prof. gimnazjalny.             |
| 24. Lwów . . . .       | 41 42                  | 49 50                      | 298'2                                 | W. Dr. T. STANECKI prof. c. k. uniwersytetu.    |
| 25. Stanisławów .      | 42 22                  | 48 55                      | 266'7*                                | W. J. BODYŃSKI prof. gimnazjalny.               |
| 26. Złoczów . . .      | 42 35                  | 49 48                      | 272'5                                 | W. Dr. A. KRZIŻ lekarz powiatowy.               |
| 27. Brzeżany . . .     | 42 38                  | 49 27                      | 272'5                                 | W. M. KUROWSKI dyrektor c. k. gimnazjum.        |
| 28. Kołomyja . .       | 42 43                  | 48 32                      | 289'7                                 | W. M. SĘAWIŃSKI urzędnik przy c. k. telegrafii. |
| 29. Tarnopol . . .     | 43 3                   | 49 35                      | 304'2                                 | W. J. X. W. ZABORSKI Członek Tow. Jezus.        |
| 30. Czortków . . .     | 43 40                  | 49 1                       | 231'7                                 | W. JAN BUSCHAK wysłuchony c. k. urzędnik.       |

\*) Wzniesienie to obliczonem zostało ze sproszenie ciśnienia i ciepłoty powietrza w Stanisławowie i Krakowie czynionych o godzinie 2ej popołudniu w miesiącach Czerwcu, Lipcu i Sierpniu 1877 r.



Z wymienionych 30 stacyj, 22 nadesłało spostrzeżenia z całego roku, 3 z jedenastu, 1 z dziesięciu miesięcy. Z pozostających czterech stacyj: Krynica, rozpoczęła swą czynność z dniem 1 Kwietnia, nadesłała więc spostrzeżenia z 8u miesięcy; Rzeszów, z powodu zmiany obserwatora z 7u miesięcy; Rabka, z dwumiesięcznej tylko pory kąpielowej; Nowy Sącz wszedł w liczbę stacyj czynnych dopiero od d. 1go Października, nadesłał zatem spostrzeżenia również tylko z 2ch miesięcy.

Największa liczba stacyj czynnych była w Październiku, bo 29; w Kwietniu, Maju, Czerwcu, Lipcu i Listopadzie było ich 28, w Lutym i Marcu 27, w Styczniu, Sierpniu i Wrześniu 26, w Grudniu 1876 roku 25. Cyfry te w porównaniu z zeszłorocznymi wykazują dość pomysły wzrost w zakresie czynności na tém polu w kraju naszym.

Ze spostrzeżeń nadesłanych podajemy poniżej, podobnie jak w latach poprzedzających obliczone i synoptycznie zestawione:

1. Ciepłotę z 29 stacyj, a w szczególności jej średnie dzienne i miesięczne, oraz jej maxima i minima dostrzeżone w każdym miesiącu,— wszystko wyrażone w stopniach CELSIUSZA. Średnie dziennu są prostemi średniami arytmetycznemi ze spostrzeżeń dokonanych o godzinach w nagłówku pod nazwiskiem każdej stacyi wymienionych, bez żadnej redukcji do średniej prawdziwej czyli 24ro-godzinnej. Podobnie średnie miesięczne są prostemi średniami arytmetycznemi średnich dziennych.— Przy maximach i minimach podanym jest dzień, w którym takowe zauważano.

2. Ciśnienie powietrza z 21 miejscowości, sprowadzone do zera i wyrażone w millimetrach, a mianowicie znowu średnie dzienne otrzymane ze spostrzeżeń w nagłówkach uwidoczniionych, średnie miesięczne, oraz maxima i minima ciśnienia powietrza w każdym miesiącu, z dodaniem dnia i godziny, w których zostały dostrzeżonemi.— Stałe poprawki barometrów, znalezione w jesieni roku 1877 przez Dra WIERZBICKIEGO podczas wizytacyi stacyj, odnośnie do barometru krakowskiego, były następujące:

|               |        |      | mm.                          |
|---------------|--------|------|------------------------------|
| w Wadowicach  | Kap.   | 1030 | wymaga poprawki + 0.20       |
| w Nowym Sączu | "      | 1319 | " " — 0.50                   |
| w Krynicy     | "      | 647  | " " — 1.59 do końca Sierp.   |
| "             | "      | "    | " „ zaś — 0.93 od 1go Paźdz. |
| w Tarnowie    | "      | 796  | " " + 0.23                   |
| w Kołaczycach | "      | 670  | " " — 0.23                   |
| w Rzeszowie   | "      | 1238 | " " + 0.45                   |
| w Jarosławiu  | "      | 1062 | " " — 0.09                   |
| w Lwowie      | Fortin | "    | " " + 0.19                   |

Poprawki te w podanych poniżej spostrzeżeniach, z powodu spóźnionej pory, nie zostały jeszcze uwzględnionemi. Zmiana poprawki w Krynicy stąd pochodzi, że barometr tamtejszy został nowo wylanym i starannie oczyszczonym w ciągu Września 1877.

3. Kierunek wiatru średni dzienny uważany na 26 miejscach, oraz odsetki każdego kierunku, jeżeli się liczbę wszystkich wiatrów dostrzeżonych w ciągu miesiąca wyrazi przez 100. Wiatr północny oznaczony jest, stósownie do zasad dziś ogólnie przyjętych, głoską *N*, wschodni głoską *E*, południowy głoską *S*, zachodni głoską *W*; kierunki pośrednie oznaczone są odpowiedniami połączeniami tychże głossek. Wichry uwydatnione są pismem grubszym.

4. Stan zachmurzenia nieba średni dzienny i miesięczny z 29 miejscowości, według skali idącej od 0·0, co oznacza niebo całkiem pogodne, stopniowo aż do 10·0, co znowu oznacza niebo zupełnie pokryte chmurami.

5. Opad mierzony na 23 stacyjach, a mianowicie wyrażoną w millimetrach każdorazową wysokość warstwy wody, oraz w téjże mierze wyrażoną sumnę opadu w każdym miesiącu. Śniegi oznaczone są gwiazdką  $\ast$ , krupy znakiem  $\triangle$ , grady znakiem  $\blacktriangle$ . Natomiast przyjęte na oznaczenie dżdżu i mgły, znaki  $\textcircled{d}$  i  $\equiv$ , podobnie jak w roku poprzedzającym, z powodu trudności topograficznych, pominąć byliśmy zmuszeni.

Następująca tablica obejmuje: ciepłotę średnią roczną wyrównaną za pomocą poprawek podanych w roczniku poprzedzającym (str. [6 i 7]), ciśnienie powietrza średnie roczne, oraz roczną sumnę opadu atmosferycznego, otrzymane na tych 22 stacyjach, których spostrzeżenia w roku meteorologicznym 1877 (to jest od 1 grudnia 1876 do 30 listopada 1877) nie doznały żadnej przerwy.

| Miejsce<br>spotrzeżeń | Ciepłota<br>C. | Ciśnienie<br>Mm. | Opad<br>Mm. |
|-----------------------|----------------|------------------|-------------|
| Bielsko . . .         | +8°16          | 730·04           | 925·9       |
| Żywiec . . .          | +8 06          | 729·61           | 978·6       |
| Czernichów .          | +7 91          | —                | —           |
| Zakopane . .          | +4·82          | —                | —           |
| Kraków . . .          | +8·00          | 740·93           | 760·2       |
| Wieliczka . .         | —              | —                | 839·0       |
| Poronin . . .         | +5·23          | 695·12           | 931·6       |
| Jodłownik . .         | +8·03          | 731·87           | 824·4       |
| Bochnia . . .         | +8·34*         | 741·72           | 1005·8      |
| Ujście Jezuckie       | +7 82          | —                | —           |
| Kolaczyce . .         | +8·24*         | —                | 614·1       |
| Dobrzeczków .         | +7·41          | —                | 591·3       |
| Stara-Wieś . .        | +7·55          | 734·61           | 651·4       |
| Jarosław . . .        | +8·19*         | 742·20           | 683·3*      |
| Drohobycz . .         | +7·86          | —                | 831·0       |
| Lwów . . .            | +7·30          | 734·09           | 748·5       |
| Stanisławów .         | +6·98          | —                | 544·3       |



| Miejsce<br>spostreżeń | Ciepłota<br>C. | Ciśnienie<br>Mm. | Opad<br>Mm. |
|-----------------------|----------------|------------------|-------------|
| Złoczów . . .         | +7·35*         | 736·72           | 730·9       |
| Brzeżany . .          | +6·83          | 735·46           | —           |
| Kołomyja . .          | +8·19*         | —                | 815·5       |
| Tarnopol . .          | +6·42          | 732·18           | 570·3       |
| Czortków . .          | +6·92          | —                | —           |

Oznaczone gwiazdką cyfry są nieco wątpliwe, a mianowicie: średnie ciepłoty w Bochni, Kołaczycach, Jarosławiu, Złoczowie i Kołomyi są nieco za wysokie, mimo, że przy wyrównywaniu przyjęto, że spostreżenia w Bochni nie o godzinach 7, 1 i 9 ale o 8, 2, 8 były zapisywanemi; suma zaś opadu w Jarosławiu (gdzie tegoż w Październiku wcale być nie miało?) nieco za mała. W przypuszczeniu, że w Bochni spostreżenia istotnie o godzinach 7, 1 i 9 były zapisywane, wypadłaby wyrównana średnia ciepłota roczna tej stacji +8°97 C. co w żaden sposób być nie może. Porównywając spostreżenia termometryczne bocheńskie z takimiż z Ujścia Jeznickiego, które o godzinach 8, 2 i 9 były zapisywane, łatwo dostrzedz wielką ich od Kwietnia do Września włącznie zgodę, i to nas skłoniło przy wyrównywaniu do hipotezy, że w Bochni godziny spostreżeń były również 8, 2 i 8. Mimo to, ciepłoty miesięcy zimowych od Października aż do końca Marca są w Bochni tak wysokie, że zachodzi pytanie, czy przypadkiem termometr tamtejszy, nie jest blisko okna opalonego pokoju n-mieszczonym?



Nadesłane spostreżenia, bądź w oryginałach, bądź w odpisach, — z wyjątkiem przeznaczonych do c. k. Zakładu meteorologicznego centralnego w Wiedniu, — złożonemi zostały do przechowania w aktach Komisji fizyograficznej.

Składając wszystkim PP. Obserwatorom za gorliwe i bezinteresowne współdziałanie najszczerszą podziękę, dodaję, że i w tym roku miałem do redukcji, obliczania i odpisywania nader sumiennego pomocnika w osobie JP. JANA DZIURZYŃSKIEGO Zast. nauczyciela przy gimnazjum Śgo Jacka w Krakowie, żmudną zaś korektę drukarską przeprowadził JP. KAZIMIERZ OLEARSKI, kandydat stanu nauczycielskiego.

Kraków d. 15go Sierpnia 1877 r.

Prof. Dr. Karliński.



**Ciepłota w sto-**  
**Srednie**

*Grudzień 1876 roku.*

| Dzień   | Bielsko                 | Żywiec                  | Wadowice                | Czerlichów              | Zakopane                | Kraków                  | Poronin                 | Jodłownik               | Bochnia                 | Ujście Jez. znick.      |
|---------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
|         | 8. 2. 8                 | 7. 2. 9                 | 6. 1. 9                 | 7. 2. 7                 | 8. 2. 8                 | 6. 2. 10                | 7. 2. 9                 | 7. 2. 9                 | 8. 1. 9                 | 8. 2. 9                 |
| 1       | + 2 <sup>50</sup>       | + 4 <sup>33</sup>       | + 3 <sup>71</sup>       | — 1 <sup>77</sup>       | + 3 <sup>90</sup>       | — 1 <sup>80</sup>       | — 3 <sup>04</sup>       | + 2 <sup>50</sup>       | — 0 <sup>25</sup>       | — 2 <sup>23</sup>       |
| 2       | 9 <sup>00</sup>         | 7 <sup>00</sup>         | 7 <sup>41</sup>         | + 5 <sup>13</sup>       | 8 <sup>23</sup>         | + 5 <sup>10</sup>       | + 6 <sup>75</sup>       | 7 <sup>75</sup>         | + 6 <sup>59</sup>       | + 2 <sup>03</sup>       |
| 3       | 8 <sup>87</sup>         | 7 <sup>07</sup>         | 9 <sup>25</sup>         | 6 <sup>27</sup>         | 6 <sup>70</sup>         | 5 <sup>83</sup>         | 6 <sup>09</sup>         | 7 <sup>87</sup>         | 6 <sup>41</sup>         | 4 <sup>23</sup>         |
| 4       | 8 <sup>17</sup>         | 10 <sup>47</sup>        | 9 <sup>34</sup>         | 3 <sup>10</sup>         | 4 <sup>20</sup>         | 2 <sup>80</sup>         | 3 <sup>01</sup>         | 9 <sup>04</sup>         | 4 <sup>00</sup>         | 1 <sup>43</sup>         |
| 5       | 8 <sup>00</sup>         | 6 <sup>67</sup>         | 7 <sup>75</sup>         | 5 <sup>77</sup>         | 5 <sup>00</sup>         | 5 <sup>53</sup>         | 3 <sup>87</sup>         | 6 <sup>84</sup>         | 7 <sup>16</sup>         | 3 <sup>87</sup>         |
| 6       | 8 <sup>10</sup>         | 6 <sup>50</sup>         | 7 <sup>25</sup>         | 1 <sup>57</sup>         | 6 <sup>00</sup>         | 1 <sup>80</sup>         | —                       | 4 <sup>34</sup>         | 3 <sup>16</sup>         | 2 <sup>17</sup>         |
| 7       | 8 <sup>90</sup>         | 6 <sup>73</sup>         | 8 <sup>34</sup>         | 3 <sup>53</sup>         | 3 <sup>33</sup>         | 4 <sup>60</sup>         | 3 <sup>66</sup>         | 7 <sup>12</sup>         | 6 <sup>91</sup>         | 5 <sup>27</sup>         |
| 8       | 7 <sup>60</sup>         | 9 <sup>00</sup>         | 6 <sup>66</sup>         | 5 <sup>17</sup>         | 3 <sup>33</sup>         | 4 <sup>67</sup>         | 3 <sup>41</sup>         | 7 <sup>21</sup>         | 6 <sup>66</sup>         | 5 <sup>50</sup>         |
| 9       | 6 <sup>43</sup>         | 6 <sup>93</sup>         | 3 <sup>50</sup>         | 3 <sup>83</sup>         | 6 <sup>33</sup>         | 3 <sup>13</sup>         | 2 <sup>54</sup>         | 5 <sup>75</sup>         | 6 <sup>16</sup>         | 3 <sup>83</sup>         |
| 10      | 1 <sup>93</sup>         | 2 <sup>80</sup>         | 3 <sup>71</sup>         | 2 <sup>80</sup>         | 4 <sup>00</sup>         | 2 <sup>80</sup>         | 1 <sup>04</sup>         | 3 <sup>13</sup>         | 3 <sup>84</sup>         | 1 <sup>87</sup>         |
| 11      | 3 <sup>47</sup>         | 1 <sup>47</sup>         | 3 <sup>41</sup>         | 3 <sup>30</sup>         | 0 <sup>00</sup>         | 2 <sup>27</sup>         | 0 <sup>96</sup>         | 2 <sup>50</sup>         | 3 <sup>25</sup>         | 2 <sup>00</sup>         |
| 12      | 2 <sup>77</sup>         | 1 <sup>53</sup>         | 3 <sup>16</sup>         | 2 <sup>57</sup>         | — 0 <sup>67</sup>       | 0 <sup>13</sup>         | — 0 <sup>71</sup>       | 0 <sup>84</sup>         | 1 <sup>00</sup>         | 0 <sup>93</sup>         |
| 13      | 2 <sup>13</sup>         | 3 <sup>13</sup>         | 2 <sup>16</sup>         | 1 <sup>00</sup>         | — 1 <sup>00</sup>       | 0 <sup>53</sup>         | — 0 <sup>21</sup>       | 2 <sup>04</sup>         | 1 <sup>59</sup>         | 0 <sup>20</sup>         |
| 14      | 3 <sup>53</sup>         | 2 <sup>73</sup>         | 3 <sup>91</sup>         | 2 <sup>80</sup>         | + 1 <sup>33</sup>       | 2 <sup>20</sup>         | + 0 <sup>38</sup>       | 3 <sup>20</sup>         | 3 <sup>50</sup>         | 2 <sup>17</sup>         |
| 15      | 1 <sup>27</sup>         | 0 <sup>87</sup>         | 3 <sup>38</sup>         | 1 <sup>80</sup>         | — 3 <sup>10</sup>       | 1 <sup>67</sup>         | — 0 <sup>04</sup>       | 1 <sup>66</sup>         | 2 <sup>25</sup>         | 0 <sup>90</sup>         |
| 16      | + 0 <sup>03</sup>       | 0 <sup>53</sup>         | 2 <sup>00</sup>         | — 1 <sup>10</sup>       | — 6 <sup>67</sup>       | — 1 <sup>20</sup>       | — 2 <sup>16</sup>       | — 1 <sup>04</sup>       | — 1 <sup>00</sup>       | — 1 <sup>93</sup>       |
| 17      | — 2 <sup>03</sup>       | — 2 <sup>40</sup>       | 1 <sup>00</sup>         | — 3 <sup>40</sup>       | — 5 <sup>27</sup>       | — 3 <sup>47</sup>       | —                       | — 3 <sup>16</sup>       | — 3 <sup>08</sup>       | — 4 <sup>10</sup>       |
| 18      | — 2 <sup>30</sup>       | — 1 <sup>53</sup>       | 1 <sup>91</sup>         | — 2 <sup>87</sup>       | — 6 <sup>67</sup>       | — 3 <sup>13</sup>       | — 2 <sup>29</sup>       | — 2 <sup>62</sup>       | — 2 <sup>16</sup>       | — 3 <sup>80</sup>       |
| 19      | + 1 <sup>27</sup>       | + 2 <sup>20</sup>       | 3 <sup>29</sup>         | — 0 <sup>53</sup>       | — 7 <sup>67</sup>       | — 0 <sup>63</sup>       | — 0 <sup>09</sup>       | + 1 <sup>54</sup>       | + 1 <sup>00</sup>       | — 0 <sup>47</sup>       |
| 20      | 2 <sup>97</sup>         | 3 <sup>33</sup>         | 1 <sup>34</sup>         | + 3 <sup>07</sup>       | 0 <sup>00</sup>         | + 1 <sup>33</sup>       | — 0 <sup>34</sup>       | 1 <sup>34</sup>         | 1 <sup>84</sup>         | + 0 <sup>50</sup>       |
| 21      | 3 <sup>20</sup>         | 6 <sup>73</sup>         | 0 <sup>59</sup>         | 0 <sup>07</sup>         | — 4 <sup>00</sup>       | — 0 <sup>13</sup>       | + 2 <sup>96</sup>       | 0 <sup>96</sup>         | 0 <sup>71</sup>         | — 0 <sup>50</sup>       |
| 22      | — 2 <sup>10</sup>       | — 0 <sup>13</sup>       | 1 <sup>50</sup>         | 0 <sup>00</sup>         | — 3 <sup>33</sup>       | — 2 <sup>50</sup>       | 3 <sup>04</sup>         | — 1 <sup>75</sup>       | — 1 <sup>50</sup>       | — 3 <sup>67</sup>       |
| 23      | — 6 <sup>33</sup>       | — 5 <sup>47</sup>       | 0 <sup>09</sup>         | — 6 <sup>97</sup>       | — 4 <sup>33</sup>       | — 8 <sup>50</sup>       | — 5 <sup>04</sup>       | — 8 <sup>62</sup>       | — 8 <sup>59</sup>       | — 1 <sup>40</sup>       |
| 24      | — 9 <sup>90</sup>       | — 6 <sup>07</sup>       | — 5 <sup>00</sup>       | — 11 <sup>07</sup>      | — 6 <sup>00</sup>       | — 11 <sup>00</sup>      | — 7 <sup>04</sup>       | — 10 <sup>71</sup>      | — 10 <sup>84</sup>      | — 12 <sup>63</sup>      |
| 25      | — 11 <sup>70</sup>      | — 11 <sup>33</sup>      | — 8 <sup>41</sup>       | — 11 <sup>30</sup>      | — 8 <sup>67</sup>       | — 11 <sup>87</sup>      | — 10 <sup>54</sup>      | — 12 <sup>25</sup>      | — 11 <sup>09</sup>      | — 12 <sup>57</sup>      |
| 26      | — 15 <sup>23</sup>      | — 16 <sup>33</sup>      | — 10 <sup>75</sup>      | — 14 <sup>03</sup>      | — 16 <sup>00</sup>      | — 14 <sup>53</sup>      | — 16 <sup>25</sup>      | — 14 <sup>01</sup>      | — 13 <sup>84</sup>      | — 14 <sup>10</sup>      |
| 27      | — 13 <sup>50</sup>      | — 15 <sup>13</sup>      | — 14 <sup>37</sup>      | — 14 <sup>43</sup>      | — 12 <sup>33</sup>      | — 14 <sup>63</sup>      | — 13 <sup>96</sup>      | — 12 <sup>84</sup>      | — 12 <sup>84</sup>      | — 12 <sup>47</sup>      |
| 28      | — 8 <sup>73</sup>       | — 6 <sup>47</sup>       | — 13 <sup>16</sup>      | — 10 <sup>67</sup>      | + 5 <sup>33</sup>       | — 10 <sup>80</sup>      | — 13 <sup>25</sup>      | — 8 <sup>34</sup>       | — 8 <sup>00</sup>       | — 10 <sup>70</sup>      |
| 29      | + 5 <sup>03</sup>       | — 2 <sup>87</sup>       | + 0 <sup>25</sup>       | — 1 <sup>70</sup>       | 6 <sup>67</sup>         | — 0 <sup>43</sup>       | — 0 <sup>54</sup>       | + 3 <sup>00</sup>       | 0 <sup>00</sup>         | — 0 <sup>30</sup>       |
| 30      | 7 <sup>37</sup>         | + 3 <sup>27</sup>       | 5 <sup>62</sup>         | 2 <sup>20</sup>         | 6 <sup>77</sup>         | + 3 <sup>07</sup>       | + 4 <sup>66</sup>       | 5 <sup>59</sup>         | + 5 <sup>25</sup>       | + 3 <sup>03</sup>       |
| 31      | 5 <sup>10</sup>         | 8 <sup>00</sup>         | 4 <sup>50</sup>         | 2 <sup>23</sup>         | 5 <sup>33</sup>         | 3 <sup>00</sup>         | 5 <sup>75</sup>         | 6 <sup>75</sup>         | 4 <sup>59</sup>         | 2 <sup>90</sup>         |
| Średnia | + 1 <sup>13</sup>       | + 1 <sup>08</sup>       | + 1 <sup>72</sup>       | — 0 <sup>76</sup>       | — 0 <sup>30</sup>       | — 1 <sup>10</sup>       | — 0 <sup>91</sup>       | + 0 <sup>48</sup>       | + 0 <sup>09</sup>       | — 1 <sup>52</sup>       |
| Max. d. | + 11 <sup>3</sup><br>4  | + 10 <sup>6</sup><br>8  | + 10 <sup>5</sup><br>5  | + 9 <sup>6</sup><br>5   | + 10 <sup>0</sup><br>1  | + 9 <sup>8</sup><br>5   | + 9 <sup>6</sup><br>3   | + 10 <sup>5</sup><br>4  | + 10 <sup>0</sup><br>5  | + 10 <sup>3</sup><br>7  |
| Min. d. | — 16 <sup>4</sup><br>26 | — 19 <sup>2</sup><br>27 | — 17 <sup>0</sup><br>28 | — 17 <sup>1</sup><br>28 | — 18 <sup>0</sup><br>26 | — 18 <sup>4</sup><br>27 | — 21 <sup>0</sup><br>28 | — 17 <sup>1</sup><br>27 | — 16 <sup>0</sup><br>27 | — 19 <sup>5</sup><br>28 |

**pniaach Celsiusza.**  
**dzienne.**

| Tarnów                   | Kolaczyce               | Do-brzechów             | Rzeszów                 | Stara-wieś              | Jaro-sław               | Dro-hobycz                 | Lwów                    | Stani-sławów            | Zło-czów                | Brze-żany               |
|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| 7. 2. 9                  | 7. 2. 10                | 7. 2. 9                 | 7. 2. 9                 | 7. 2. 9                 | 7. 1. 9                 | 8. 2. 8                    | 7. 2. 9                 | 7. 2. 9                 | 7. 2. 9                 | 7. 2. 7                 |
| + 1 <sup>71</sup>        | + 1 <sup>29</sup>       | + 1 <sup>34</sup>       | + 0 <sup>80</sup>       | + 1 <sup>33</sup>       | — 0 <sup>77</sup>       | — 0 <sup>50</sup>          | — 0 <sup>17</sup>       | — 4 <sup>17</sup>       | + 0 <sup>67</sup>       | — 1 <sup>77</sup>       |
| 5 <sup>04</sup>          | 3 <sup>84</sup>         | 3 <sup>75</sup>         | 3 <sup>20</sup>         | 4 <sup>17</sup>         | + 4 <sup>93</sup>       | + 5 <sup>91</sup>          | + 3 <sup>40</sup>       | + 1 <sup>60</sup>       | 4 <sup>20</sup>         | + 2 <sup>93</sup>       |
| 6 <sup>54</sup>          | 7 <sup>25</sup>         | 6 <sup>41</sup>         | 2 <sup>50</sup>         | 6 <sup>87</sup>         | 6 <sup>07</sup>         | 9 <sup>00</sup>            | 3 <sup>87</sup>         | 5 <sup>67</sup>         | 4 <sup>73</sup>         | 6 <sup>77</sup>         |
| 6 <sup>34</sup>          | 6 <sup>34</sup>         | 9 <sup>00</sup>         | 5 <sup>80</sup>         | 8 <sup>60</sup>         | 4 <sup>43</sup>         | 9 <sup>66</sup>            | 2 <sup>10</sup>         | 3 <sup>60</sup>         | 2 <sup>87</sup>         | 2 <sup>90</sup>         |
| 6 <sup>46</sup>          | 8 <sup>34</sup>         | 7 <sup>34</sup>         | 4 <sup>27</sup>         | 7 <sup>47</sup>         | 5 <sup>63</sup>         | 9 <sup>04</sup>            | 3 <sup>87</sup>         | 5 <sup>73</sup>         | 3 <sup>03</sup>         | 5 <sup>33</sup>         |
| 5 <sup>96</sup>          | 6 <sup>84</sup>         | 5 <sup>50</sup>         | 4 <sup>40</sup>         | 5 <sup>13</sup>         | 7 <sup>40</sup>         | 4 <sup>21</sup>            | 2 <sup>20</sup>         | 1 <sup>87</sup>         | 1 <sup>37</sup>         | 2 <sup>30</sup>         |
| 6 <sup>46</sup>          | 6 <sup>91</sup>         | 6 <sup>75</sup>         | 6 <sup>47</sup>         | 7 <sup>00</sup>         | 5 <sup>10</sup>         | 6 <sup>62</sup>            | 2 <sup>17</sup>         | 1 <sup>73</sup>         | — 0 <sup>07</sup>       | 1 <sup>00</sup>         |
| 6 <sup>88</sup>          | 6 <sup>91</sup>         | 6 <sup>66</sup>         | 5 <sup>87</sup>         | 6 <sup>77</sup>         | 3 <sup>90</sup>         | 3 <sup>71</sup>            | 1 <sup>23</sup>         | — 0 <sup>33</sup>       | — 1 <sup>47</sup>       | — 0 <sup>60</sup>       |
| 6 <sup>09</sup>          | 5 <sup>12</sup>         | 4 <sup>50</sup>         | 6 <sup>33</sup>         | 5 <sup>33</sup>         | 5 <sup>33</sup>         | 2 <sup>88</sup>            | 1 <sup>60</sup>         | — 0 <sup>53</sup>       | — 0 <sup>80</sup>       | — 0 <sup>40</sup>       |
| 2 <sup>87</sup>          | 3 <sup>00</sup>         | 4 <sup>09</sup>         | 2 <sup>93</sup>         | 2 <sup>67</sup>         | 2 <sup>97</sup>         | 1 <sup>91</sup>            | 0 <sup>70</sup>         | — 0 <sup>30</sup>       | — 0 <sup>27</sup>       | — 0 <sup>60</sup>       |
| 2 <sup>71</sup>          | 2 <sup>59</sup>         | 1 <sup>41</sup>         | 0 <sup>73</sup>         | 1 <sup>87</sup>         | 2 <sup>70</sup>         | 0 <sup>75</sup>            | 1 <sup>07</sup>         | + 1 <sup>73</sup>       | + 0 <sup>60</sup>       | + 1 <sup>17</sup>       |
| 0 <sup>59</sup>          | 0 <sup>87</sup>         | — 0 <sup>59</sup>       | 0 <sup>73</sup>         | — 0 <sup>43</sup>       | 0 <sup>80</sup>         | — 0 <sup>41</sup>          | — 0 <sup>27</sup>       | — 0 <sup>83</sup>       | — 0 <sup>23</sup>       | — 0 <sup>43</sup>       |
| 1 <sup>84</sup>          | 1 <sup>91</sup>         | + 1 <sup>09</sup>       | 1 <sup>53</sup>         | + 0 <sup>83</sup>       | 0 <sup>97</sup>         | — 0 <sup>54</sup>          | — 1 <sup>00</sup>       | — 1 <sup>63</sup>       | — 2 <sup>37</sup>       | — 0 <sup>87</sup>       |
| 2 <sup>96</sup>          | 2 <sup>29</sup>         | 1 <sup>41</sup>         | 1 <sup>87</sup>         | 1 <sup>87</sup>         | 1 <sup>93</sup>         | — 1 <sup>75</sup>          | + 0 <sup>07</sup>       | — 0 <sup>37</sup>       | — 0 <sup>53</sup>       | — 0 <sup>63</sup>       |
| 1 <sup>21</sup>          | 1 <sup>54</sup>         | 0 <sup>50</sup>         | 0 <sup>90</sup>         | 0 <sup>87</sup>         | — 1 <sup>63</sup>       | — 1 <sup>41</sup>          | — 2 <sup>27</sup>       | — 1 <sup>17</sup>       | — 2 <sup>93</sup>       | — 1 <sup>97</sup>       |
| — 1 <sup>87</sup>        | — 1 <sup>71</sup>       | — 2 <sup>16</sup>       | — 3 <sup>00</sup>       | — 2 <sup>80</sup>       | — 3 <sup>33</sup>       | — 4 <sup>75</sup>          | — 5 <sup>87</sup>       | — 4 <sup>87</sup>       | — 6 <sup>90</sup>       | — 5 <sup>80</sup>       |
| — 3 <sup>41</sup>        | — 2 <sup>79</sup>       | — 3 <sup>59</sup>       | — 3 <sup>93</sup>       | — 3 <sup>73</sup>       | — 3 <sup>40</sup>       | — 5 <sup>25</sup>          | — 6 <sup>20</sup>       | — 6 <sup>37</sup>       | — 7 <sup>13</sup>       | — 6 <sup>20</sup>       |
| — 2 <sup>91</sup>        | — 1 <sup>54</sup>       | — 2 <sup>66</sup>       | — 2 <sup>90</sup>       | — 2 <sup>30</sup>       | — 4 <sup>37</sup>       | — 6 <sup>71</sup>          | — 6 <sup>10</sup>       | — 7 <sup>50</sup>       | — 6 <sup>70</sup>       | — 7 <sup>00</sup>       |
| + 2 <sup>09</sup>        | + 2 <sup>50</sup>       | + 2 <sup>91</sup>       | + 1 <sup>40</sup>       | + 4 <sup>13</sup>       | — 0 <sup>77</sup>       | — 3 <sup>09</sup>          | — 1 <sup>23</sup>       | — 2 <sup>63</sup>       | — 2 <sup>00</sup>       | — 2 <sup>40</sup>       |
| 1 <sup>29</sup>          | 2 <sup>37</sup>         | 1 <sup>84</sup>         | 1 <sup>13</sup>         | 2 <sup>97</sup>         | + 1 <sup>20</sup>       | + 3 <sup>00</sup>          | + 0 <sup>23</sup>       | + 1 <sup>03</sup>       | + 0 <sup>27</sup>       | + 1 <sup>37</sup>       |
| 0 <sup>75</sup>          | 5 <sup>46</sup>         | 3 <sup>91</sup>         | 1 <sup>67</sup>         | 6 <sup>33</sup>         | 1 <sup>07</sup>         | 4 <sup>75</sup>            | — 0 <sup>57</sup>       | — 0 <sup>47</sup>       | — 2 <sup>83</sup>       | — 1 <sup>07</sup>       |
| — 3 <sup>34</sup>        | — 0 <sup>91</sup>       | 0 <sup>41</sup>         | — 0 <sup>60</sup>       | 3 <sup>83</sup>         | 2 <sup>90</sup>         | 6 <sup>09</sup>            | + 2 <sup>63</sup>       | + 2 <sup>67</sup>       | + 2 <sup>23</sup>       | + 3 <sup>70</sup>       |
| — 10 <sup>87</sup>       | — 9 <sup>79</sup>       | — 11 <sup>91</sup>      | — 11 <sup>93</sup>      | — 10 <sup>20</sup>      | — 11 <sup>33</sup>      | — 11 <sup>38</sup>         | — 14 <sup>27</sup>      | — 9 <sup>93</sup>       | — 14 <sup>60</sup>      | — 13 <sup>73</sup>      |
| — 12 <sup>16</sup>       | — 9 <sup>25</sup>       | — 11 <sup>50</sup>      | — 12 <sup>53</sup>      | — 10 <sup>33</sup>      | — 12 <sup>20</sup>      | — 11 <sup>59</sup>         | — 14 <sup>53</sup>      | — 8 <sup>17</sup>       | — 12 <sup>93</sup>      | — 10 <sup>93</sup>      |
| — 12 <sup>13</sup>       | — 11 <sup>41</sup>      | — 11 <sup>66</sup>      | — 12 <sup>13</sup>      | — 11 <sup>17</sup>      | — 11 <sup>80</sup>      | — 10 <sup>12</sup>         | — 12 <sup>83</sup>      | — 9 <sup>07</sup>       | — 12 <sup>37</sup>      | — 9 <sup>80</sup>       |
| — 14 <sup>71</sup>       | — 14 <sup>50</sup>      | — 14 <sup>75</sup>      | — 13 <sup>73</sup>      | — 15 <sup>13</sup>      | — 13 <sup>67</sup>      | — 15 <sup>41</sup>         | — 14 <sup>53</sup>      | — 13 <sup>87</sup>      | — 14 <sup>30</sup>      | — 15 <sup>20</sup>      |
| — 13 <sup>79</sup>       | — 13 <sup>59</sup>      | — 13 <sup>91</sup>      | — 13 <sup>67</sup>      | — 13 <sup>67</sup>      | — 12 <sup>83</sup>      | — 14 <sup>63</sup>         | — 13 <sup>97</sup>      | — 13 <sup>50</sup>      | — 13 <sup>97</sup>      | — 14 <sup>20</sup>      |
| — 9 <sup>63</sup>        | — 12 <sup>00</sup>      | — 13 <sup>66</sup>      | — 12 <sup>13</sup>      | — 12 <sup>60</sup>      | — 11 <sup>60</sup>      | — 11 <sup>16</sup>         | — 13 <sup>23</sup>      | — 11 <sup>67</sup>      | — 13 <sup>43</sup>      | — 12 <sup>47</sup>      |
| — 1 <sup>71</sup>        | — 6 <sup>88</sup>       | — 5 <sup>50</sup>       | — 4 <sup>80</sup>       | — 5 <sup>87</sup>       | — 3 <sup>27</sup>       | — 2 <sup>12</sup>          | — 4 <sup>17</sup>       | — 9 <sup>87</sup>       | — 5 <sup>80</sup>       | — 8 <sup>33</sup>       |
| + 2 <sup>09</sup>        | — 1 <sup>91</sup>       | — 1 <sup>25</sup>       | — 0 <sup>67</sup>       | — 1 <sup>00</sup>       | + 0 <sup>87</sup>       | + 3 <sup>41</sup>          | + 1 <sup>13</sup>       | + 3 <sup>87</sup>       | + 2 <sup>60</sup>       | + 1 <sup>40</sup>       |
| 2 <sup>96</sup>          | + 0 <sup>84</sup>       | + 0 <sup>34</sup>       | + 2 <sup>27</sup>       | + 1 <sup>13</sup>       | 3 <sup>37</sup>         | 5 <sup>34</sup>            | 2 <sup>83</sup>         | 2 <sup>33</sup>         | 4 <sup>00</sup>         | 2 <sup>20</sup>         |
| — 0 <sup>44</sup>        | — 0 <sup>32</sup>       | — 0 <sup>77</sup>       | — 1 <sup>20</sup>       | — 0 <sup>32</sup>       | — 0 <sup>95</sup>       | — 0 <sup>79</sup>          | — 2 <sup>65</sup>       | — 2 <sup>43</sup>       | — 3 <sup>07</sup>       | — 2 <sup>71</sup>       |
| + 9 <sup>9</sup><br>4, 5 | + 12 <sup>0</sup><br>5  | + 10 <sup>2</sup><br>5  | + 9 <sup>8</sup><br>4   | + 10 <sup>4</sup><br>5  | + 9 <sup>2</sup><br>6   | + 10 <sup>6</sup><br>5, 22 | + 8 <sup>5</sup><br>22  | + 10 <sup>8</sup><br>5  | + 7 <sup>2</sup><br>31  | + 8 <sup>8</sup><br>3   |
| — 19 <sup>5</sup><br>28  | — 18 <sup>5</sup><br>28 | — 24 <sup>2</sup><br>28 | — 19 <sup>6</sup><br>28 | — 20 <sup>5</sup><br>28 | — 17 <sup>2</sup><br>28 | — 16 <sup>4</sup><br>26    | — 17 <sup>3</sup><br>28 | — 16 <sup>0</sup><br>28 | — 16 <sup>4</sup><br>28 | — 17 <sup>2</sup><br>26 |



**Ciepłota w sto-**  
**Średnie**

*Grudzień 1876. Styczeń 1877 roku.*

| Dzień      | Koło-<br>myja          | Tarno-<br>pol          | Czort-<br>ków          | Biels-<br>ko           | Ży-<br>wiec            | Wado-<br>wice          | Czer-<br>ni-<br>chów   | Zako-<br>pane                         | Kra-<br>ków            | Poron-                 |
|------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|---------------------------------------|------------------------|------------------------|
|            | 7. 2. 10               | 7. 2. 9                | 8. 2. 9                | 8. 2. 8                | 7. 2. 9                | 6. 1. 9                | 7. 2. 7                | 8. 2. 8                               | 6. 2. 10               | 7. 2. 9                |
| 1          | -2 <sup>57</sup>       | -0 <sup>63</sup>       | -4 <sup>41</sup>       | + 5 <sup>53</sup>      | + 9 <sup>40</sup>      | + 3 <sup>84</sup>      | + 0 <sup>80</sup>      | + 8 <sup>00</sup>                     | + 2 <sup>40</sup>      | + 1 <sup>59</sup>      |
| 2          | + 4 <sup>57</sup>      | + 2 <sup>63</sup>      | + 0 <sup>79</sup>      | 7 <sup>90</sup>        | 7 <sup>13</sup>        | 6 <sup>66</sup>        | 3 <sup>90</sup>        | 8 <sup>00</sup>                       | 4 <sup>67</sup>        | 2 <sup>02</sup>        |
| 3          | 9 <sup>03</sup>        | 3 <sup>67</sup>        | 4 <sup>96</sup>        | 5 <sup>10</sup>        | 4 <sup>40</sup>        | 3 <sup>34</sup>        | 1 <sup>27</sup>        | 5 <sup>33</sup>                       | 2 <sup>00</sup>        | 1 <sup>34</sup>        |
| 4          | 8 <sup>20</sup>        | 2 <sup>23</sup>        | 3 <sup>13</sup>        | 8 <sup>53</sup>        | 7 <sup>17</sup>        | 4 <sup>16</sup>        | 0 <sup>67</sup>        | 4 <sup>67</sup>                       | 1 <sup>60</sup>        | 1 <sup>00</sup>        |
| 5          | 7 <sup>37</sup>        | 2 <sup>90</sup>        | 4 <sup>66</sup>        | 10 <sup>57</sup>       | 9 <sup>53</sup>        | 9 <sup>16</sup>        | 7 <sup>87</sup>        | 6 <sup>00</sup>                       | 7 <sup>87</sup>        | 5 <sup>79</sup>        |
| 6          | 1 <sup>67</sup>        | 0 <sup>77</sup>        | 1 <sup>84</sup>        | 7 <sup>30</sup>        | 10 <sup>07</sup>       | 7 <sup>00</sup>        | 3 <sup>07</sup>        | 7 <sup>00</sup>                       | 3 <sup>73</sup>        | 3 <sup>59</sup>        |
| 7          | 1 <sup>70</sup>        | -1 <sup>13</sup>       | 0 <sup>16</sup>        | 10 <sup>57</sup>       | 8 <sup>53</sup>        | 5 <sup>50</sup>        | 2 <sup>23</sup>        | 9 <sup>00</sup>                       | 3 <sup>60</sup>        | 3 <sup>41</sup>        |
| 8          | 0 <sup>03</sup>        | -3 <sup>30</sup>       | -2 <sup>37</sup>       | 9 <sup>33</sup>        | 8 <sup>73</sup>        | 9 <sup>09</sup>        | 3 <sup>50</sup>        | 7 <sup>33</sup>                       | 3 <sup>80</sup>        | 2 <sup>84</sup>        |
| 9          | -0 <sup>20</sup>       | -1 <sup>73</sup>       | -1 <sup>88</sup>       | 12 <sup>77</sup>       | 11 <sup>27</sup>       | 10 <sup>50</sup>       | 8 <sup>53</sup>        | 6 <sup>67</sup>                       | 6 <sup>53</sup>        | 5 <sup>54</sup>        |
| 10         | + 0 <sup>03</sup>      | -1 <sup>03</sup>       | -1 <sup>54</sup>       | 6 <sup>50</sup>        | 8 <sup>93</sup>        | 7 <sup>46</sup>        | 4 <sup>30</sup>        | 4 <sup>10</sup>                       | 5 <sup>13</sup>        | 3 <sup>96</sup>        |
| 11         | 1 <sup>27</sup>        | + 0 <sup>27</sup>      | + 0 <sup>46</sup>      | 5 <sup>87</sup>        | 6 <sup>13</sup>        | 3 <sup>71</sup>        | 4 <sup>10</sup>        | 3 <sup>37</sup>                       | 3 <sup>40</sup>        | 3 <sup>91</sup>        |
| 12         | 0 <sup>43</sup>        | -0 <sup>13</sup>       | -2 <sup>91</sup>       | 4 <sup>77</sup>        | 5 <sup>40</sup>        | 4 <sup>50</sup>        | 0 <sup>50</sup>        | 1 <sup>00</sup>                       | 2 <sup>53</sup>        | 1 <sup>09</sup>        |
| 13         | -0 <sup>13</sup>       | -2 <sup>60</sup>       | -4 <sup>79</sup>       | 2 <sup>30</sup>        | 2 <sup>07</sup>        | 4 <sup>25</sup>        | 2 <sup>03</sup>        | 2 <sup>00</sup>                       | 2 <sup>20</sup>        | 1 <sup>59</sup>        |
| 14         | + 0 <sup>67</sup>      | -2 <sup>20</sup>       | -1 <sup>84</sup>       | 0 <sup>23</sup>        | 1 <sup>43</sup>        | 3 <sup>25</sup>        | 1 <sup>13</sup>        | 1 <sup>33</sup>                       | -0 <sup>03</sup>       | -0 <sup>46</sup>       |
| 15         | -0 <sup>27</sup>       | -3 <sup>70</sup>       | -2 <sup>62</sup>       | 0 <sup>77</sup>        | 0 <sup>47</sup>        | 0 <sup>84</sup>        | 0 <sup>03</sup>        | -6 <sup>33</sup>                      | -0 <sup>50</sup>       | -2 <sup>71</sup>       |
| 16         | -3 <sup>83</sup>       | -7 <sup>00</sup>       | -5 <sup>41</sup>       | -0 <sup>27</sup>       | 0 <sup>20</sup>        | -1 <sup>00</sup>       | -1 <sup>67</sup>       | -9 <sup>00</sup>                      | -1 <sup>93</sup>       | -2 <sup>34</sup>       |
| 17         | -6 <sup>67</sup>       | -8 <sup>60</sup>       | -6 <sup>29</sup>       | + 0 <sup>23</sup>      | 0 <sup>10</sup>        | -0 <sup>87</sup>       | -0 <sup>70</sup>       | -6 <sup>33</sup>                      | -0 <sup>83</sup>       | -1 <sup>50</sup>       |
| 18         | -7 <sup>63</sup>       | -7 <sup>87</sup>       | -7 <sup>41</sup>       | 0 <sup>00</sup>        | 0 <sup>60</sup>        | + 0 <sup>34</sup>      | + 0 <sup>30</sup>      | -6 <sup>00</sup>                      | + 0 <sup>20</sup>      | -2 <sup>91</sup>       |
| 19         | -3 <sup>97</sup>       | -2 <sup>90</sup>       | -2 <sup>59</sup>       | -0 <sup>50</sup>       | -0 <sup>33</sup>       | -0 <sup>13</sup>       | -0 <sup>53</sup>       | -6 <sup>00</sup>                      | -1 <sup>53</sup>       | -2 <sup>91</sup>       |
| 20         | + 1 <sup>23</sup>      | + 0 <sup>10</sup>      | + 0 <sup>59</sup>      | -0 <sup>50</sup>       | -1 <sup>40</sup>       | -1 <sup>41</sup>       | -3 <sup>17</sup>       | -5 <sup>67</sup>                      | -4 <sup>40</sup>       | -6 <sup>59</sup>       |
| 21         | 1 <sup>13</sup>        | -2 <sup>17</sup>       | -2 <sup>16</sup>       | —                      | -0 <sup>37</sup>       | -2 <sup>41</sup>       | -3 <sup>27</sup>       | -6 <sup>77</sup>                      | -5 <sup>00</sup>       | —                      |
| 22         | 2 <sup>63</sup>        | + 1 <sup>77</sup>      | + 1 <sup>12</sup>      | -3 <sup>07</sup>       | -2 <sup>60</sup>       | -2 <sup>66</sup>       | -2 <sup>43</sup>       | -8 <sup>67</sup>                      | -3 <sup>73</sup>       | -6 <sup>04</sup>       |
| 23         | -4 <sup>53</sup>       | -14 <sup>40</sup>      | -12 <sup>54</sup>      | -2 <sup>60</sup>       | -2 <sup>80</sup>       | -3 <sup>00</sup>       | -1 <sup>67</sup>       | -6 <sup>00</sup>                      | -1 <sup>67</sup>       | -5 <sup>04</sup>       |
| 24         | -6 <sup>73</sup>       | -13 <sup>03</sup>      | -9 <sup>12</sup>       | -2 <sup>73</sup>       | -4 <sup>00</sup>       | -1 <sup>91</sup>       | -1 <sup>30</sup>       | -5 <sup>33</sup>                      | -1 <sup>70</sup>       | -4 <sup>54</sup>       |
| 25         | -8 <sup>83</sup>       | -13 <sup>13</sup>      | -10 <sup>50</sup>      | -6 <sup>53</sup>       | -8 <sup>20</sup>       | -5 <sup>66</sup>       | -6 <sup>20</sup>       | -5 <sup>00</sup>                      | -6 <sup>13</sup>       | -10 <sup>37</sup>      |
| 26         | -11 <sup>70</sup>      | -14 <sup>40</sup>      | -13 <sup>84</sup>      | -8 <sup>67</sup>       | -9 <sup>07</sup>       | -7 <sup>91</sup>       | -8 <sup>10</sup>       | -6 <sup>00</sup>                      | -8 <sup>47</sup>       | -12 <sup>34</sup>      |
| 27         | -12 <sup>43</sup>      | -14 <sup>50</sup>      | -13 <sup>71</sup>      | -3 <sup>80</sup>       | -5 <sup>27</sup>       | -6 <sup>91</sup>       | -11 <sup>27</sup>      | -6 <sup>33</sup>                      | -10 <sup>20</sup>      | -11 <sup>41</sup>      |
| 28         | -11 <sup>93</sup>      | -14 <sup>87</sup>      | -14 <sup>54</sup>      | -0 <sup>37</sup>       | -1 <sup>60</sup>       | -1 <sup>75</sup>       | -2 <sup>83</sup>       | -7 <sup>33</sup>                      | -4 <sup>93</sup>       | -8 <sup>25</sup>       |
| 29         | -8 <sup>63</sup>       | -10 <sup>47</sup>      | -10 <sup>91</sup>      | + 0 <sup>93</sup>      | -1 <sup>80</sup>       | -0 <sup>34</sup>       | -1 <sup>73</sup>       | -9 <sup>00</sup>                      | -1 <sup>67</sup>       | -6 <sup>34</sup>       |
| 30         | + 1 <sup>53</sup>      | + 1 <sup>53</sup>      | + 1 <sup>66</sup>      | 2 <sup>00</sup>        | + 0 <sup>13</sup>      | -0 <sup>34</sup>       | + 1 <sup>20</sup>      | -5 <sup>67</sup>                      | + 1 <sup>27</sup>      | -4 <sup>12</sup>       |
| 31         | 2 <sup>53</sup>        | 2 <sup>67</sup>        | 3 <sup>04</sup>        | 2 <sup>17</sup>        | 0 <sup>13</sup>        | -0 <sup>16</sup>       | 1 <sup>93</sup>        | -6 <sup>67</sup>                      | 2 <sup>47</sup>        | -1 <sup>13</sup>       |
| Średnia    | -1 <sup>48</sup>       | -3 <sup>91</sup>       | -3 <sup>52</sup>       | + 2 <sup>40</sup>      | + 2 <sup>08</sup>      | + 1 <sup>52</sup>      | + 0 <sup>08</sup>      | -1 <sup>24</sup>                      | + 0 <sup>02</sup>      | -1 <sup>69</sup>       |
| Max.<br>d. | + 12 <sup>9</sup><br>9 | + 9 <sup>2</sup><br>31 | + 8 <sup>7</sup><br>5  | + 14 <sup>5</sup><br>9 | + 15 <sup>0</sup><br>8 | + 15 <sup>0</sup><br>9 | + 11 <sup>8</sup><br>5 | + 10 <sup>0</sup><br>117              | + 12 <sup>5</sup><br>5 | + 9 <sup>9</sup><br>9  |
| Min.<br>d. | -15 <sup>7</sup><br>29 | -18 <sup>2</sup><br>28 | -17 <sup>5</sup><br>28 | -11 <sup>4</sup><br>26 | -14 <sup>8</sup><br>26 | -12 <sup>0</sup><br>27 | -14 <sup>0</sup><br>27 | -10 <sup>0</sup><br>16, 17<br>22 i 29 | -13 <sup>5</sup><br>27 | -19 <sup>0</sup><br>26 |

**połach Celsjusza.**  
**dzienne.**

| Jodlo-<br>wnik         | Boch-<br>nia            | Ujście<br>Je-<br>zuick.   | Tarn-<br>ów            | Koła-<br>czyce         | Do-<br>brze-<br>chów   | Rze-<br>szów           | Stara-<br>wieś         | Ma-<br>niów            | Jaro-<br>sław               | Dro-<br>hoby-<br>cz    |
|------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------------|------------------------|
| 7. 2. 9                | 7. 1. 9                 | 8. 2. 8                   | 7. 2. 9                | 7. 2. 10               | 7. 2. 9                | 7. 2. 9                | 7. 2. 9                | 7. 1. 9                | 7. 1. 9                     | 8. 2. 8                |
| + 7 <sup>25</sup>      | + 2 <sup>91</sup>       | + 3 <sup>67</sup>         | + 4 <sup>75</sup>      | + 3 <sup>04</sup>      | + 3 <sup>91</sup>      | + 4 <sup>73</sup>      | + 4 <sup>63</sup>      | + 3 <sup>17</sup>      | + 6 <sup>20</sup>           | + 7 <sup>75</sup>      |
| 7 <sup>46</sup>        | 5 <sup>41</sup>         | 3 <sup>57</sup>           | 5 <sup>54</sup>        | 3 <sup>34</sup>        | 4 <sup>00</sup>        | 4 <sup>73</sup>        | 4 <sup>33</sup>        | 3 <sup>07</sup>        | 6 <sup>33</sup>             | 7 <sup>54</sup>        |
| 4 <sup>13</sup>        | 3 <sup>50</sup>         | 2 <sup>17</sup>           | 3 <sup>37</sup>        | 2 <sup>87</sup>        | 2 <sup>59</sup>        | 5 <sup>20</sup>        | 2 <sup>73</sup>        | 2 <sup>37</sup>        | 2 <sup>80</sup>             | 3 <sup>96</sup>        |
| 7 <sup>75</sup>        | 5 <sup>25</sup>         | 3 <sup>57</sup>           | 6 <sup>54</sup>        | 5 <sup>59</sup>        | 5 <sup>91</sup>        | 7 <sup>20</sup>        | 6 <sup>73</sup>        | 5 <sup>67</sup>        | 6 <sup>20</sup>             | 9 <sup>37</sup>        |
| 10 <sup>41</sup>       | 9 <sup>91</sup>         | 7 <sup>20</sup>           | 9 <sup>59</sup>        | 6 <sup>66</sup>        | 6 <sup>84</sup>        | 7 <sup>87</sup>        | 7 <sup>13</sup>        | 5 <sup>27</sup>        | 9 <sup>53</sup>             | 9 <sup>84</sup>        |
| 7 <sup>41</sup>        | 6 <sup>16</sup>         | 5 <sup>23</sup>           | 6 <sup>75</sup>        | 5 <sup>37</sup>        | 5 <sup>66</sup>        | 7 <sup>10</sup>        | 7 <sup>13</sup>        | 6 <sup>37</sup>        | 7 <sup>30</sup>             | 9 <sup>50</sup>        |
| 7 <sup>37</sup>        | 6 <sup>84</sup>         | 5 <sup>60</sup>           | 7 <sup>54</sup>        | 7 <sup>29</sup>        | 6 <sup>75</sup>        | 8 <sup>00</sup>        | 7 <sup>67</sup>        | 6 <sup>73</sup>        | 6 <sup>33</sup>             | 9 <sup>75</sup>        |
| 8 <sup>29</sup>        | 8 <sup>66</sup>         | 6 <sup>40</sup>           | 7 <sup>84</sup>        | 7 <sup>13</sup>        | 8 <sup>25</sup>        | 8 <sup>20</sup>        | 7 <sup>47</sup>        | 6 <sup>53</sup>        | 6 <sup>83</sup>             | 7 <sup>25</sup>        |
| 11 <sup>41</sup>       | 10 <sup>71</sup>        | 8 <sup>80</sup>           | 9 <sup>62</sup>        | 7 <sup>66</sup>        | 7 <sup>75</sup>        | 9 <sup>40</sup>        | 8 <sup>67</sup>        | 5 <sup>73</sup>        | 9 <sup>93</sup>             | 11 <sup>21</sup>       |
| 6 <sup>84</sup>        | 8 <sup>84</sup>         | 5 <sup>67</sup>           | 7 <sup>29</sup>        | 6 <sup>29</sup>        | 4 <sup>25</sup>        | 7 <sup>07</sup>        | 6 <sup>80</sup>        | 7 <sup>13</sup>        | 8 <sup>07</sup>             | 8 <sup>59</sup>        |
| 5 <sup>62</sup>        | 5 <sup>34</sup>         | 3 <sup>10</sup>           | 5 <sup>46</sup>        | 6 <sup>04</sup>        | 5 <sup>00</sup>        | 5 <sup>20</sup>        | 5 <sup>33</sup>        | 5 <sup>00</sup>        | 5 <sup>67</sup>             | 5 <sup>09</sup>        |
| 4 <sup>96</sup>        | 6 <sup>54</sup>         | 4 <sup>73</sup>           | 5 <sup>71</sup>        | 3 <sup>87</sup>        | 3 <sup>34</sup>        | 4 <sup>53</sup>        | 3 <sup>77</sup>        | 3 <sup>03</sup>        | 3 <sup>30</sup>             | 3 <sup>16</sup>        |
| 2 <sup>34</sup>        | 3 <sup>84</sup>         | 1 <sup>63</sup>           | 2 <sup>41</sup>        | 2 <sup>41</sup>        | 1 <sup>16</sup>        | 1 <sup>73</sup>        | 1 <sup>47</sup>        | 0 <sup>93</sup>        | 1 <sup>47</sup>             | 0 <sup>34</sup>        |
| -0 <sup>25</sup>       | -0 <sup>04</sup>        | -0 <sup>83</sup>          | -0 <sup>62</sup>       | -0 <sup>41</sup>       | -0 <sup>84</sup>       | -1 <sup>07</sup>       | -0 <sup>73</sup>       | -0 <sup>73</sup>       | -1 <sup>27</sup>            | -1 <sup>46</sup>       |
| + 0 <sup>21</sup>      | + 0 <sup>25</sup>       | -1 <sup>93</sup>          | -0 <sup>96</sup>       | -1 <sup>00</sup>       | -1 <sup>59</sup>       | -2 <sup>47</sup>       | -1 <sup>97</sup>       | -2 <sup>00</sup>       | -2 <sup>93</sup>            | -4 <sup>87</sup>       |
| -1 <sup>96</sup>       | -2 <sup>00</sup>        | -3 <sup>37</sup>          | -3 <sup>34</sup>       | -2 <sup>71</sup>       | -3 <sup>84</sup>       | -3 <sup>93</sup>       | -4 <sup>13</sup>       | -3 <sup>47</sup>       | -3 <sup>83</sup>            | -5 <sup>59</sup>       |
| -0 <sup>50</sup>       | + 0 <sup>16</sup>       | -1 <sup>30</sup>          | -1 <sup>00</sup>       | -1 <sup>41</sup>       | -2 <sup>50</sup>       | -2 <sup>13</sup>       | -3 <sup>03</sup>       | -4 <sup>17</sup>       | -2 <sup>93</sup>            | -5 <sup>29</sup>       |
| -0 <sup>75</sup>       | -0 <sup>16</sup>        | -1 <sup>40</sup>          | -0 <sup>87</sup>       | -0 <sup>96</sup>       | -1 <sup>34</sup>       | -1 <sup>60</sup>       | -2 <sup>07</sup>       | -4 <sup>67</sup>       | -1 <sup>70</sup>            | -3 <sup>87</sup>       |
| -1 <sup>66</sup>       | -1 <sup>00</sup>        | -3 <sup>10</sup>          | -2 <sup>59</sup>       | -2 <sup>84</sup>       | -3 <sup>53</sup>       | -2 <sup>90</sup>       | -4 <sup>67</sup>       | -4 <sup>10</sup>       | -4 <sup>50</sup>            | —                      |
| -3 <sup>50</sup>       | -3 <sup>84</sup>        | -4 <sup>87</sup>          | -5 <sup>59</sup>       | -4 <sup>34</sup>       | -5 <sup>66</sup>       | -6 <sup>40</sup>       | -5 <sup>20</sup>       | -5 <sup>67</sup>       | -7 <sup>93</sup>            | -9 <sup>91</sup>       |
| -3 <sup>29</sup>       | -5 <sup>50</sup>        | -3 <sup>63</sup>          | -3 <sup>54</sup>       | -3 <sup>34</sup>       | -4 <sup>91</sup>       | -6 <sup>07</sup>       | -3 <sup>47</sup>       | -4 <sup>60</sup>       | -6 <sup>87</sup>            | -6 <sup>46</sup>       |
| -4 <sup>21</sup>       | -4 <sup>16</sup>        | -4 <sup>53</sup>          | -4 <sup>75</sup>       | -0 <sup>62</sup>       | -3 <sup>00</sup>       | -4 <sup>00</sup>       | -3 <sup>90</sup>       | -5 <sup>27</sup>       | -3 <sup>33</sup>            | -5 <sup>34</sup>       |
| -2 <sup>00</sup>       | -1 <sup>41</sup>        | -1 <sup>87</sup>          | -2 <sup>16</sup>       | -1 <sup>84</sup>       | -2 <sup>41</sup>       | -2 <sup>13</sup>       | -2 <sup>87</sup>       | -4 <sup>73</sup>       | -1 <sup>87</sup>            | -3 <sup>50</sup>       |
| -2 <sup>75</sup>       | -1 <sup>50</sup>        | -1 <sup>97</sup>          | -2 <sup>50</sup>       | -2 <sup>34</sup>       | -3 <sup>91</sup>       | -3 <sup>33</sup>       | -4 <sup>27</sup>       | -6 <sup>03</sup>       | -3 <sup>40</sup>            | -5 <sup>50</sup>       |
| -6 <sup>37</sup>       | -3 <sup>96</sup>        | -5 <sup>97</sup>          | -6 <sup>79</sup>       | -7 <sup>00</sup>       | -8 <sup>09</sup>       | -9 <sup>47</sup>       | -9 <sup>27</sup>       | -11 <sup>00</sup>      | -7 <sup>20</sup>            | -7 <sup>59</sup>       |
| -10 <sup>13</sup>      | -8 <sup>25</sup>        | -10 <sup>80</sup>         | -10 <sup>75</sup>      | -7 <sup>75</sup>       | -10 <sup>09</sup>      | -10 <sup>80</sup>      | -10 <sup>67</sup>      | -8 <sup>10</sup>       | -10 <sup>90</sup>           | -12 <sup>41</sup>      |
| -8 <sup>75</sup>       | -10 <sup>44</sup>       | -9 <sup>67</sup>          | -8 <sup>87</sup>       | -9 <sup>59</sup>       | -10 <sup>41</sup>      | -10 <sup>47</sup>      | -10 <sup>60</sup>      | -7 <sup>77</sup>       | -11 <sup>20</sup>           | -11 <sup>41</sup>      |
| -1 <sup>87</sup>       | -2 <sup>16</sup>        | -4 <sup>50</sup>          | -4 <sup>25</sup>       | -5 <sup>91</sup>       | -4 <sup>16</sup>       | -4 <sup>40</sup>       | -4 <sup>47</sup>       | -5 <sup>53</sup>       | -7 <sup>10</sup>            | -10 <sup>04</sup>      |
| -0 <sup>54</sup>       | -0 <sup>09</sup>        | + 0 <sup>10</sup>         | -1 <sup>34</sup>       | -2 <sup>21</sup>       | -2 <sup>50</sup>       | -2 <sup>80</sup>       | -3 <sup>00</sup>       | -5 <sup>90</sup>       | -2 <sup>57</sup>            | -7 <sup>38</sup>       |
| + 0 <sup>79</sup>      | + 1 <sup>41</sup>       | 1 <sup>30</sup>           | -0 <sup>09</sup>       | -1 <sup>04</sup>       | -1 <sup>09</sup>       | -0 <sup>47</sup>       | -1 <sup>97</sup>       | -4 <sup>77</sup>       | -0 <sup>20</sup>            | -0 <sup>75</sup>       |
| 1 <sup>34</sup>        | 1 <sup>41</sup>         | 1 <sup>87</sup>           | + 0 <sup>09</sup>      | -1 <sup>62</sup>       | -1 <sup>09</sup>       | -1 <sup>33</sup>       | -1 <sup>53</sup>       | -4 <sup>67</sup>       | -0 <sup>57</sup>            | -2 <sup>04</sup>       |
| + 1 <sup>45</sup>      | + 1 <sup>38</sup>       | + 0 <sup>16</sup>         | + 0 <sup>74</sup>      | + 0 <sup>34</sup>      | -0 <sup>16</sup>       | + 0 <sup>08</sup>      | -0 <sup>07</sup>       | -0 <sup>73</sup>       | 0 <sup>00</sup>             | -0 <sup>47</sup>       |
| + 13 <sup>2</sup><br>9 | + 13 <sup>5</sup><br>10 | + 13 <sup>3</sup><br>7 18 | + 11 <sup>7</sup><br>9 | + 9 <sup>2</sup><br>10 | + 9 <sup>5</sup><br>9  | + 11 <sup>0</sup><br>8 | + 10 <sup>5</sup><br>8 | + 9 <sup>6</sup><br>10 | + 11 <sup>7</sup><br>8      | + 12 <sup>7</sup><br>9 |
| -15 <sup>6</sup><br>26 | -13 <sup>7</sup><br>27  | -13 <sup>3</sup><br>27    | -12 <sup>7</sup><br>27 | -13 <sup>0</sup><br>27 | -13 <sup>2</sup><br>25 | -16 <sup>0</sup><br>25 | -14 <sup>8</sup><br>25 | -16 <sup>0</sup><br>25 | -11 <sup>6</sup><br>26 i 27 | -14 <sup>1</sup><br>28 |



**Ciepłota w sto-**  
**Średnie**

Styczeń 1877 r.

Luty 1877 r.

| Dzień      | Lwów         | Stani-<br>sławów | Zło-<br>czów   | Brze-<br>żany | Koło-<br>myja | Tarno-<br>pol | Czort-<br>ków | Biěl-<br>sko | Ży-<br>wiec | Wado-<br>wice |
|------------|--------------|------------------|----------------|---------------|---------------|---------------|---------------|--------------|-------------|---------------|
| 7. 2. 9    | 7. 2. 9      | 7. 2. 9          | 7. 2. 7        | 8. 2. 10      | 7. 2. 9       | 8. 2. 9       | 8. 2. 8       | 7. 2. 9      | 6. 1. 9     |               |
| 1          | + 4'43       | + 2'67           | + 5'37         | + 4'73        | + 7'73        | + 3'87        | + 1'91        | — 0'13       | + 3'13      | + 0'41        |
| 2          | 4'37         | 3'87             | 4'67           | 4'47          | 8'37          | 2'60          | 0'41          | — 2'43       | 0'87        | — 2'00        |
| 3          | 2'93         | 3'13             | 2'97           | 3'20          | 3'33          | 2'47          | 2'88          | — 4'03       | — 6'67      | — 2'91        |
| 4          | 5'10         | 1'73             | 2'43           | 1'70          | 4'20          | 1'40          | — 0'12        | — 3'63       | — 6'27      | — 4'25        |
| 5          | 7'80         | 1'83             | 3'33           | 0'80          | 1'80          | 0'80          | — 1'50        | + 0'17       | — 0'40      | 0'00          |
| 6          | 6'60         | 3'83             | 5'53           | 3'00          | 4'80          | 3'00          | + 1'54        | 0'83         | — 1'27      | — 0'25        |
| 7          | 7'63         | 4'00             | 4'27           | 3'67          | 3'13          | 2'33          | 1'87          | 3'03         | + 1'93      | + 3'09        |
| 8          | 5'17         | — 1'00           | 0'77           | 0'77          | 0'17          | — 0'67        | — 0'29        | 2'60         | 2'80        | 3'09          |
| 9          | 4'73         | — 1'20           | 0'93           | 0'77          | 0'87          | — 0'60        | — 0'50        | 3'33         | 2'80        | 2'09          |
| 10         | 6'67         | + 2'07           | 5'00           | 3'90          | 1'97          | + 2'60        | + 0'71        | 2'73         | 3'00        | 2'34          |
| 11         | 3'67         | 1'03             | 2'00           | 1'93          | 1'27          | 1'27          | 1'04          | 0'10         | — 0'07      | 0'66          |
| 12         | 1'37         | 1'37             | 0'67           | 1'37          | 2'57          | — 0'13        | 0'75          | 0'40         | + 1'67      | 1'16          |
| 13         | — 0'77       | — 0'50           | — 1'90         | — 1'27        | 0'23          | — 2'47        | — 1'09        | — 2'20       | — 4'40      | — 1'09        |
| 14         | — 2'80       | — 3'70           | — 4'03         | — 3'20        | — 3'13        | — 4'40        | — 4'09        | — 1'47       | — 8'67      | — 4'75        |
| 15         | — 4'33       | — 5'30           | — 5'40         | — 4'47        | — 5'10        | — 6'33        | — 6'00        | — 0'13       | — 4'47      | — 3'84        |
| 16         | — 5'83       | — 5'50           | — 6'60         | — 6'37        | — 4'00        | — 7'40        | — 6'06        | + 2'20       | + 3'33      | + 1'62        |
| 17         | — 5'10       | — 5'00           | — 4'97         | — 4'40        | — 3'60        | — 7'00        | — 6'71        | 0'57         | 3'60        | 1'59          |
| 18         | — 3'70       | — 4'33           | — 4'67         | — 3'90        | — 3'77        | — 8'47        | — 7'71        | 2'93         | 1'40        | 1'91          |
| 19         | — 7'23       | — 8'03           | — 8'27         | — 8'20        | — 7'37        | — 10'47       | — 11'00       | 2'43         | 2'20        | 3'09          |
| 20         | — 10'90      | — 12'00          | — 9'17         | — 11'03       | — 8'47        | — 12'00       | — 10'13       | —            | 4'60        | 6'00          |
| 21         | — 5'00       | — 6'27           | — 4'10         | — 4'30        | — 7'33        | — 5'70        | — 5'00        | 5'03         | 3'73        | 4'00          |
| 22         | — 2'97       | — 5'20           | — 2'43         | — 3'50        | — 7'83        | — 5'13        | — 11'25       | 1'97         | 2'00        | 2'59          |
| 23         | — 3'60       | — 4'37           | — 3'57         | — 3'07        | — 4'47        | — 3'20        | — 5'00        | — 0'77       | — 1'60      | 1'41          |
| 24         | — 5'40       | — 4'97           | — 6'03         | — 4'40        | — 5'10        | — 5'93        | — 7'75        | — 1'57       | — 2'27      | 0'16          |
| 25         | — 7'40       | — 9'30           | — 8'77         | — 8'40        | — 8'93        | — 10'47       | — 9'62        | + 3'03       | — 0'80      | 0'41          |
| 26         | — 12'17      | — 13'47          | — 12'93        | — 13'13       | — 10'33       | — 13'27       | — 13'00       | 3'97         | + 5'53      | 1'09          |
| 27         | — 9'63       | — 12'50          | — 10'33        | — 11'20       | — 12'00       | — 11'23       | — 11'13       | 0'10         | 0'47        | — 0'84        |
| 28         | — 9'13       | — 13'87          | — 11'20        | — 11'20       | — 11'70       | — 13'27       | — 12'59       | — 3'10       | — 3'13      | — 1'50        |
| 29         | — 9'03       | — 13'40          | — 12'30        | — 12'27       | — 13'13       | — 14'20       | — 13'21       |              |             |               |
| 30         | — 2'93       | — 9'40           | — 4'73         | — 6'23        | — 9'93        | — 7'97        | — 9'16        |              |             |               |
| 31         | — 6'37       | — 10'70          | — 8'27         | — 8'53        | — 11'97       | — 8'70        | — 8'71        |              |             |               |
| Średnia    | — 1'74       | — 4'02           | — 2'96         | — 3'19        | — 3'15        | — 4'47        | — 4'88        | + 0'59       | + 0'11      | + 0'55        |
| Max.<br>d. | + 10'7<br>7  | + 10'4<br>7      | + 7'6<br>11 10 | + 8'1<br>2    | + 12'2<br>1   | + 6'5<br>1    | + 6'2<br>1    | + 6'6<br>26  | + 9'0<br>19 | + 7'5<br>20   |
| Min.<br>d. | — 13'7<br>20 | — 19'7<br>28     | — 15'0<br>26   | — 15'9<br>20  | — 17'4<br>28  | — 17'0<br>20  | — 15'5<br>22  | — 7'5<br>3   | — 14'0<br>3 | — 10'2<br>4   |

**pniach Celsiusza.**  
**dziennie.**

| Sucha    | Czer-<br>ni-<br>chów | Zako-<br>pane | Kra-<br>ków | Poronin | Jodłownik | Bochnia | Ujście<br>Je-<br>zick. | Tarnów  | Koła-<br>czyce |
|----------|----------------------|---------------|-------------|---------|-----------|---------|------------------------|---------|----------------|
| 6. 2. 10 | 7. 2. 7              | 8. 2. 8       | 6. 2. 10    | 7. 2. 9 | 7. 2. 9   | 7. 1. 9 | 8. 2. 8                | 7. 2. 9 | 7. 2. 10       |
| — 0'54   | + 0'33               | — 7'47        | + 0'73      | — 1'87  | + 0'21    | + 0'59  | + 0'33                 | + 0'09  | + 0'54         |
| — 2'54   | — 1'53               | — 5'27        | — 1'53      | — 4'00  | — 1'66    | — 0'37  | — 1'27                 | — 1'59  | — 1'13         |
| — 6'84   | — 4'73               | — 6'10        | — 4'80      | — 8'29  | — 6'09    | — 3'66  | — 3'33                 | — 3'87  | — 2'79         |
| — 8'21   | — 6'40               | — 8'47        | — 7'93      | — 10'84 | — 4'59    | — 5'59  | — 4'83                 | — 3'96  | — 6'16         |
| — 3'54   | — 2'20               | — 7'13        | — 2'27      | — 3'75  | — 0'50    | — 1'34  | — 1'97                 | — 0'88  | — 2'71         |
| — 1'09   | + 0'20               | — 7'33        | + 0'27      | — 3'71  | + 0'16    | + 1'09  | + 0'20                 | + 0'25  | — 0'54         |
| + 1'88   | 2'00                 | — 9'63        | 2'90        | + 0'87  | 2'50      | 3'16    | 2'03                   | 2'09    | + 2'34         |
| 2'75     | 2'83                 | — 3'93        | 2'57        | 0'34    | 2'41      | 2'75    | 2'20                   | 2'29    | 2'25           |
| 2'16     | 3'10                 | — 0'83        | 2'60        | 0'34    | 2'50      | 2'62    | 2'00                   | 2'16    | 2'84           |
| 2'59     | 2'27                 | — 3'67        | 2'60        | 0'79    | 2'16      | 1'59    | 0'80                   | 1'16    | 1'79           |
| 0'04     | + 0'17               | — 6'77        | 0'33        | — 2'50  | — 0'25    | 0'66    | 0'03                   | 0'09    | 0'25           |
| 1'34     | 2'00                 | — 8'17        | 2'53        | — 0'88  | + 1'00    | 2'25    | 1'97                   | 2'00    | 1'34           |
| — 4'75   | — 1'77               | — 6'83        | — 2'80      | — 6'00  | — 3'87    | — 2'91  | — 2'87                 | — 3'75  | — 2'96         |
| — 7'50   | — 5'83               | — 8'57        | — 5'40      | — 11'84 | — 4'88    | — 4'09  | — 4'60                 | — 5'16  | — 4'84         |
| — 2'79   | — 1'87               | — 10'87       | — 1'87      | — 9'66  | — 2'21    | — 1'41  | — 1'53                 | — 2'29  | — 3'75         |
| + 1'25   | + 1'67               | — 8'37        | + 2'13      | — 4'34  | + 3'29    | + 1'75  | + 1'67                 | — 0'04  | — 2'84         |
| 3'41     | 1'80                 | + 2'67        | 1'73        | — 0'21  | 4'00      | 2'41    | 2'07                   | + 2'59  | + 1'21         |
| 1'16     | 1'27                 | — 0'93        | 1'33        | — 0'09  | 1'13      | 2'09    | 1'10                   | 1'16    | 1'37           |
| 1'25     | 2'93                 | — 4'10        | 2'07        | — 5'12  | 1'59      | 2'96    | 3'00                   | 2'13    | 0'79           |
| 4'84     | 2'87                 | — 5'27        | 2'13        | + 0'12  | 3'12      | 3'66    | 2'40                   | 3'16    | 2'59           |
| 3'79     | 3'33                 | — 3'63        | 1'97        | 0'25    | 3'16      | 4'09    | 2'27                   | 2'87    | 3'41           |
| 1'84     | 2'33                 | — 6'27        | 2'10        | 0'16    | 1'50      | 1'59    | 1'40                   | 1'41    | 1'75           |
| — 0'96   | — 0'33               | — 4'50        | — 0'23      | — 2'41  | — 0'21    | — 0'50  | — 0'17                 | — 0'46  | 0'25           |
| — 1'66   | — 0'83               | — 4'27        | — 2'13      | — 6'46  | — 2'46    | + 4'66  | — 2'00                 | — 1'59  | — 0'12         |
| + 1'37   | + 2'03               | — 1'47        | + 2'00      | — 1'13  | + 0'87    | 2'71    | + 1'10                 | + 1'50  | + 1'71         |
| 4'66     | 5'70                 | — 4'20        | 5'00        | + 3'16  | 4'96      | 4'41    | 4'00                   | 4'50    | 4'71           |
| — 0'54   | 1'40                 | — 6'17        | — 0'27      | — 2'25  | — 0'12    | — 0'09  | 0'37                   | — 0'16  | — 0'09         |
| — 4'75   | — 0'83               | — 7'27        | — 3'07      | — 4'91  | — 3'34    | — 1'91  | — 2'63                 | — 1'62  | — 1'87         |
| — 0'41   | + 0'43               | — 5'53        | + 0'10      | — 3'01  | + 0'16    | + 0'83  | + 0'13                 | + 0'18  | — 0'02         |
| + 7'4    | + 8'2                | + 5'0         | + 8'0       | + 5'2   | + 8'5     | + 6'7   | + 8'0                  | + 6'2   | + 6'4          |
| 17       | 26                   | 17            | 19          | 26      | 17        | 19      | 19                     | 26      | 26             |
| — 15'2   | — 11'2               | — 13'0        | — 15'3      | — 18'5  | — 12'0    | — 13'5  | — 9'4                  | — 11'1  | — 13'4         |
| 4        | 4                    | 15            | 4           | 15      | 4         | 4       | 4                      | 4       | 4              |



**Ciepłota w sto-**  
**Średnie**

*Luty 1877 roku.*

| Dzień      | Do-<br>brze-<br>chów | Rze-<br>szów | Stara-<br>wieś | Ma-<br>niów | Jaro-<br>sław | Dro-<br>ho-<br>bycz | Lwów        | Stani-<br>sław-<br>wów | Zło-<br>czów | Brze-<br>żany |
|------------|----------------------|--------------|----------------|-------------|---------------|---------------------|-------------|------------------------|--------------|---------------|
|            | 7. 2. 9              | 7. 2. 9      | 7. 2. 9        | 7. 1. 9     | 7. 1. 9       | 8. 2. 8             | 7. 2. 9     | 7. 2. 9                | 7. 2. 9      | 7. 2. 7       |
| 1          | -0°34                | -0°27        | -0°27          | -2°53       | -0°03         | +0°71               | -1°40       | -6°57                  | -1°67        | -3°83         |
| 2          | -1°00                | -1°67        | -1°83          | -4°37       | -1°57         | -1°12               | -1°70       | -3°67                  | -0°63        | -1°60         |
| 3          | -2°25                | -3°73        | -2°87          | -7°83       | -3°10         | -3°88               | -3°67       | -4°67                  | -2°03        | -3°13         |
| 4          | -7°34                | -5°33        | -6°07          | -8°23       | -5°70         | -7°46               | -5°73       | -12°90                 | -4°77        | -4°90         |
| 5          | -2°00                | -2°33        | -1°83          | -3°87       | -2°07         | -3°84               | -2°93       | -9°03                  | -1°60        | -5°87         |
| 6          | -1°25                | -0°60        | -0°60          | -3°27       | +0°57         | -2°09               | -0°27       | +0°67                  | +0°20        | -0°23         |
| 7          | 0°09                 | +1°00        | +1°30          | -1°97       | 0°73          | +1°87               | -0°23       | 1°97                   | 0°33         | +0°13         |
| 8          | +1°25                | 1°67         | 2°00           | +0°13       | 1°60          | 1°66                | +0°17       | 1°20                   | -0°77        | -0°50         |
| 9          | 1°41                 | 1°60         | 1°73           | -0°43       | 1°87          | 2°38                | 0°93        | 2°40                   | +1°30        | +1°73         |
| 10         | 0°84                 | 0°60         | 1°13           | -0°93       | 0°80          | 0°41                | 0°30        | 0°80                   | -0°60        | -0°70         |
| 11         | -1°00                | -0°67        | -0°60          | -3°17       | 0°60          | -0°41               | -1°27       | -0°07                  | -1°23        | -1°50         |
| 12         | +0°59                | +0°27        | +0°73          | -1°97       | 0°50          | +1°79               | -0°30       | -2°07                  | -0°50        | +0°50         |
| 13         | -5°59                | -3°67        | -5°00          | -11°57      | -4°47         | -4°54               | -5°90       | -5°23                  | -6°37        | -6°70         |
| 14         | -5°84                | -4°73        | -6°20          | -10°73      | -7°10         | -8°41               | -8°67       | -7°93                  | -9°27        | -9°03         |
| 15         | -3°91                | -4°93        | -4°63          | -10°87      | -4°37         | -4°41               | -9°23       | -8°43                  | -9°63        | -10°83        |
| 16         | -2°25                | -1°67        | -2°53          | -5°60       | +0°10         | +0°40               | -1°37       | -4°47                  | -1°80        | -3°10         |
| 17         | +1°00                | +2°20        | +2°33          | +0°67       | 3°47          | 6°12                | -0°23       | -2°53                  | -3°33        | -4°00         |
| 18         | 1°59                 | 0°87         | 1°20           | 2°27        | 2°63          | 2°84                | +1°63       | +0°43                  | +1°17        | +0°47         |
| 19         | 1°59                 | 0°53         | -0°03          | -2°27       | 1°27          | 1°00                | 0°23        | 0°63                   | 1°00         | 0°39          |
| 20         | 1°25                 | -0°27        | +2°73          | +0°97       | 2°00          | 2°25                | 0°13        | 0°27                   | 0°07         | -0°10         |
| 21         | 2°41                 | +2°40        | 2°47           | 3°03        | 0°60          | 0°00                | -0°33       | -0°07                  | -0°60        | -0°80         |
| 22         | 1°75                 | 2°07         | 2°13           | 1°83        | 1°83          | 1°41                | +0°57       | -0°10                  | +0°70        | -0°17         |
| 23         | 0°25                 | 1°60         | -0°13          | -1°73       | 0°97          | 0°13                | -0°73       | -2°73                  | -0°70        | -1°00         |
| 24         | -2°16                | -1°47        | -2°60          | -3°70       | -1°00         | -2°50               | -1°90       | -1°93                  | -1°80        | -0°77         |
| 25         | -1°09                | -0°60        | -0°93          | -2°50       | -0°33         | +0°91               | -0°93       | -1°53                  | -0°73        | -2°07         |
| 26         | +2°59                | +3°53        | +3°60          | +2°03       | +3°43         | 5°54                | +3°40       | +4°27                  | +4°10        | +3°87         |
| 27         | -0°59                | 0°20         | -0°10          | -3°07       | 0°90          | 0°59                | 0°87        | 1°60                   | 1°63         | 0°90          |
| 28         | -2°66                | -3°00        | -2°97          | -7°73       | -2°50         | -1°91               | -3°10       | -2°20                  | -1°87        | -2°73         |
| 29         |                      |              |                |             |               |                     |             |                        |              |               |
| 30         |                      |              |                |             |               |                     |             |                        |              |               |
| 31         |                      |              |                |             |               |                     |             |                        |              |               |
| Średnia    | -0°81                | -0°59        | -0°64          | -3°12       | -0°30         | -0°38               | -1°50       | -2°21                  | -1°41        | -1°99         |
| Max.<br>d. | +4°5<br>26           | +5°6<br>19   | +5°6<br>22, 26 | +5°6<br>21  | +6°3<br>17    | +7°9<br>17          | +4°4<br>26  | +8°0<br>26             | +5°7<br>26   | +5°1<br>26    |
| Min.<br>d. | -16°0<br>4           | -11°8<br>4   | -14°0<br>4     | -19°5<br>13 | -11°4<br>4    | -11°7<br>4          | -14°8<br>15 | -18°5<br>5             | -11°6<br>15  | -14°1<br>5    |

**pnich Celsiusza.**  
**dzienne.**

*Marzec 1877 roku.*

| Koło-<br>myja | Tarno-<br>pol | Czort-<br>ków | Biél-<br>sko | Ży-<br>wiec | Wado-<br>wice | Sucha       | Czer-<br>ni-<br>chów | Zako-<br>pane | Kra-<br>ków | Poro-<br>nin |
|---------------|---------------|---------------|--------------|-------------|---------------|-------------|----------------------|---------------|-------------|--------------|
| 7. 2. 10      | 7. 2. 9       | 8. 2. 9       | 8. 2. 8      | 7. 2. 9     | 6. 1. 9       | 6. 2. 10    | 7. 2. 7              | 8. 2. 8       | 6. 2. 10    | 7. 2. 9      |
| -9°37         | -6°43         | -7°34         | -7°00        | -7°73       | -6°09         | -7°71       | -6°50                | -6°80         | -7°00       | -9°00        |
| -3°83         | -2°37         | -4°84         | -6°33        | -7°10       | -6°66         | -6°50       | -7°17                | -10°37        | -6°53       | -10°50       |
| -3°07         | -3°20         | -3°62         | -9°73        | -12°87      | -7°41         | -11°83      | -9°20                | -9°43         | -11°00      | -17°59       |
| -10°47        | -5°09         | -7°84         | -9°00        | -12°87      | -8°84         | -11°59      | -9°13                | -9°70         | -9°40       | -16°09       |
| -8°80         | -6°73         | -12°71        | -3°63        | -4°73       | -6°50         | -5°12       | -5°63                | -6°97         | -6°40       | -10°96       |
| +1°57         | -0°53         | -0°87         | +4°27        | +3°20       | +0°75         | +1°71       | +1°43                | -0°87         | +1°27       | -1°84        |
| 2°53          | -0°13         | -0°34         | 3°83         | 2°27        | 3°91          | 3°87        | 4°00                 | +5°37         | 3°87        | +2°16        |
| 2°13          | -1°47         | -2°16         | -1°90        | -2°20       | -0°59         | -1°41       | -0°47                | 1°33          | -0°60       | -1°29        |
| 2°80          | +0°83         | +1°09         | -4°70        | -5°53       | -2°39         | -5°09       | -3°23                | -6°43         | -3°27       | -5°62        |
| 1°20          | -1°93         | -1°79         | -7°40        | -8°53       | -3°79         | -7°50       | -5°20                | -8°30         | -6°80       | -9°25        |
| 0°37          | -0°87         | -1°04         | -10°53       | -12°00      | -11°25        | -13°66      | -8°43                | -15°80        | -8°87       | -17°41       |
| 3°23          | -2°77         | +0°41         | -5°33        | -6°47       | -6°75         | -10°40      | -4°20                | -11°43        | -4°87       | -11°04       |
| -3°27         | -5°60         | -8°09         | -1°33        | -4°73       | -3°16         | -5°50       | -3°13                | -7°60         | -3°53       | -10°04       |
| -7°20         | -10°70        | -10°66        | -0°83        | -0°80       | -0°09         | -0°25       | +0°27                | -8°37         | +0°20       | -4°41        |
| -7°13         | -12°63        | -11°50        | +1°23        | +0°53       | +0°84         | -0°84       | 1°87                 | -1°33         | 1°57        | -1°50        |
| -3°43         | -4°60         | -5°46         | 4°77         | 2°93        | 3°50          | +3°41       | 3°93                 | +3°03         | 3°13        | -0°87        |
| -1°80         | -4°97         | -4°34         | 6°23         | 6°60        | 6°09          | 6°41        | 7°93                 | 4°03          | 5°27        | +5°00        |
| +1°77         | +0°33         | +0°12         | 3°33         | 2°53        | 4°00          | 3°21        | 4°73                 | 5°70          | 2°47        | 2°09         |
| 1°70          | 0°73          | 0°13          | 3°87         | 2°67        | 4°16          | 2°84        | 3°20                 | 8°07          | 2°27        | 1°37         |
| 1°17          | -0°93         | -0°29         | 14°20        | 11°13       | 10°84         | 14°75       | 9°07                 | 6°23          | 9°47        | 8°29         |
| 1°23          | -1°20         | -0°79         | 9°03         | 9°47        | 12°84         | 9°38        | 10°40                | 6°77          | 9°60        | 6°41         |
| 0°70          | -0°20         | +0°09         | 9°90         | 7°33        | 8°25          | 6°50        | 8°80                 | 1°77          | 7°33        | 4°54         |
| 0°70          | -1°70         | -1°21         | 6°83         | 6°13        | 8°66          | 6°87        | 7°73                 | 3°33          | 7°27        | 5°38         |
| 0°50          | -2°10         | -1°59         | 2°03         | 0°53        | 1°79          | 0°34        | 1°80                 | -1°00         | 1°70        | -0°41        |
| -0°40         | -2°00         | -2°41         | 6°97         | 5°60        | 5°41          | 5°16        | 6°67                 | -5°33         | 5°47        | +2°37        |
| 1°623         | +3°03         | +2°75         | 12°63        | 12°80       | 10°59         | 12°59       | 11°67                | +2°67         | 9°53        | 9°25         |
| 2°53          | 0°70          | 0°12          | 12°57        | 12°27       | 13°25         | 12°71       | 13°07                | 1°33          | 11°87       | 9°84         |
| 1°47          | -2°17         | -1°71         | 10°43        | 9°73        | 13°75         | 9°29        | 11°30                | 3°77          | 10°33       | 5°66         |
|               |               |               | 12°87        | 12°87       | 14°50         | 10°46       | 12°53                | 6°10          | 10°40       | 8°50         |
|               |               |               | 10°37        | 9°67        | 11°16         | 8°75        | 10°67                | 8°13          | 9°87        | 8°25         |
|               |               |               | 5°73         | 5°40        | 10°25         | 5°59        | 7°23                 | 4°67          | 6°47        | 3°66         |
| -0°96         | -2°71         | -3°07         | +2°37        | +1°23       | +2°61         | +1°19       | +2°45                | -1°21         | +1°65       | -1°45        |
| +8°4<br>26    | +6°5<br>26    | +4°7<br>26    | +16°2<br>29  | +15°6<br>29 | +18°2<br>29   | +17°9<br>29 | +19°2<br>29          | +10°0<br>19   | +18°0<br>29 | +13°6<br>29  |
| -16°6<br>5    | -16°8<br>17   | -18°0<br>5    | -15°1<br>4   | -21°2<br>4  | -17°5<br>11   | -18°7<br>11 | -17°6<br>4           | -18°1<br>11   | -15°6<br>4  | -23°5<br>4   |



**Ciepłota w sto-**  
**Średnie**

*Marzec 1877 roku.*

| Dzień      | Jodł-<br>wik | Boch-<br>nia    | Ujście<br>Je-<br>zuit. | Tar-<br>nów | Koła-<br>czyce | Do-<br>brze-<br>chów | Rze-<br>szów | Stara-<br>wieś | Ma-<br>niów | Jaro-<br>sław |
|------------|--------------|-----------------|------------------------|-------------|----------------|----------------------|--------------|----------------|-------------|---------------|
|            | 7. 2. 9      | 7. 1. 9         | 8. 2. 8                | 7. 2. 9     | 7. 2. 10       | 7. 2. 9              | 7. 2. 9      | 7. 2. 9        | 7. 1. 9     | 7. 1. 9       |
| 1          | -7°21        | -4°91           | -5°93                  | -7°09       | -5°91          | -6°59                | -6°00        | -7°13          | -9°67       | -5°17         |
| 2          | -6°66        | -5°59           | -6°63                  | -7°06       | -7°54          | -8°84                | -7°53        | -8°33          | -11°07      | -7°83         |
| 3          | -9°13        | -9°16           | -9°70                  | -10°37      | -9°54          | -10°84               | -7°87        | -11°07         | -13°03      | -10°17        |
| 4          | -11°21       | -8°66           | -7°00                  | -8°84       | -7°59          | -8°66                | -7°47        | -8°30          | -10°77      | -8°73         |
| 5          | -5°46        | -4°59           | -4°40                  | -6°13       | -5°50          | -8°25                | -5°07        | -5°53          | -6°13       | -4°53         |
| 6          | +3°12        | +1°91           | +1°77                  | +1°91       | +0°96          | +0°66                | +1°27        | +1°13          | -1°77       | +0°10         |
| 7          | 4°25         | 4°87            | 5°40                   | 5°54        | 5°50           | 4°91                 | 5°07         | 4°73           | +4°93       | 4°03          |
| 8          | -0°12        | 0°34            | 0°23                   | 0°13        | 0°79           | 1°59                 | 1°40         | 0°87           | -0°60       | 0°93          |
| 9          | -4°12        | -2°16           | -2°80                  | -2°87       | -2°66          | -3°00                | -2°20        | -2°13          | -4°10       | -1°83         |
| 10         | -7°54        | -5°66           | -6°00                  | -6°88       | -6°37          | -7°25                | -6°07        | -7°13          | -9°27       | -6°67         |
| 11         | -14°09       | -8°50           | -6°30                  | -9°34       | -10°25         | -11°75               | -9°60        | -11°73         | -12°50      | -10°37        |
| 12         | -5°91        | -3°75           | -3°33                  | -4°16       | -4°91          | -6°25                | -5°73        | -7°13          | -9°23       | -5°67         |
| 13         | -3°71        | -2°16           | -2°10                  | -2°37       | -3°09          | -5°91                | -3°53        | -6°13          | -6°67       | -4°17         |
| 14         | -0°04        | +2°25           | +0°33                  | +0°21       | -0°29          | -1°50                | -0°80        | -2°00          | -4°13       | -1°40         |
| 15         | +1°00        | 4°59            | 1°40                   | 1°41        | +0°62          | +0°34                | +0°33        | +0°20          | -1°97       | +0°90         |
| 16         | 2°84         | 4°75            | 3°37                   | 2°66        | 1°29           | 0°34                 | 1°40         | 1°03           | -2°73       | 2°30          |
| 17         | 5°37         | 6°00            | 4°90                   | 5°75        | 4°41           | 3°50                 | 3°70         | 4°13           | +3°70       | 4°57          |
| 18         | 2°66         | 3°66            | 3°23                   | 3°00        | 2°41           | 2°16                 | 2°33         | 2°20           | 2°23        | 2°73          |
| 19         | 4°00         | 3°59            | 2°10                   | 3°16        | 2°46           | 2°16                 | 2°00         | 1°73           | 2°67        | 1°57          |
| 20         | 11°34        | 11°50           | 7°53                   | 11°04       | 10°84          | 10°59                | 8°47         | 10°67          | 9°10        | 8°57          |
| 21         | 9°54         | 11°34           | 10°07                  | 9°96        | 10°29          | 8°59                 | 11°60        | 9°53           | 7°73        | 10°37         |
| 22         | 6°96         | 8°66            | 8°10                   | 8°88        | 6°96           | 6°41                 | 7°93         | 6°13           | 4°43        | 6°80          |
| 23         | 8°25         | 7°25            | 10°10                  | 8°09        | 9°25           | 9°16                 | 10°33        | 9°13           | 8°33        | 7°40          |
| 24         | 0°75         | 2°75            | 4°00                   | 1°66        | 1°46           | 1°00                 | —            | 1°80           | 0°20        | 2°90          |
| 25         | 6°37         | 6°91            | 6°80                   | 7°12        | 6°66           | 6°50                 | 6°07         | 4°93           | 2°83        | 3°87          |
| 26         | 10°41        | 12°54           | 10°53                  | 12°09       | 9°13           | 11°00                | 11°80        | 10°60          | 8°80        | 5°67          |
| 27         | 11°09        | 13°13           | 13°13                  | 12°66       | 12°66          | 12°84                | 12°20        | 11°60          | 10°13       | 11°03         |
| 28         | 9°79         | 11°79           | 11°73                  | 11°00       | 11°63          | 11°25                | 10°27        | 9°60           | 7°80        | 10°07         |
| 29         | 12°50        | 12°46           | 11°60                  | 11°66       | 10°66          | 10°16                | 11°00        | 9°90           | 8°57        | 12°17         |
| 30         | 9°96         | 10°75           | 10°47                  | 10°25       | 9°66           | 8°06                 | 9°73         | 8°93           | 9°13        | 9°47          |
| 31         | 6°04         | 8°16            | 7°00                   | 6°63        | 6°71           | 8°00                 | 7°13         | 5°90           | 3°97        | 6°90          |
| Średnia    | +1°65        | +3°03           | +2°55                  | +2°22       | +1°96          | +1°32                | +2°07        | +1°22          | -0°29       | +1°48         |
| Max.<br>d. | +12°4<br>29  | +18°5<br>27     | +17°2<br>27            | +16°9<br>29 | +17°5<br>27    | +18°0<br>29          | +18°0<br>21  | +17°0<br>27    | +12°0<br>29 | +16°3<br>29   |
| Min.<br>d. | -18°2<br>11  | -12°5<br>4 i 11 | -12°8<br>3             | -15°5<br>3  | -13°0<br>11    | -17°2<br>11          | -14°0<br>4   | -17°0<br>12    | -16°1<br>11 | -13°5<br>11   |

**pnich Celsiusza.**  
**dzienne.**

*Kwiecień 1877 r.*

| Do-<br>ho-<br>bycz | Lwów        | Stani-<br>sła-<br>wów | Zło-<br>czów | Brze-<br>żany | Koło-<br>myja | Tarno-<br>pol | Czort-<br>ków | Biél-<br>sko | Ży-<br>wiec | Wado-<br>wice   |
|--------------------|-------------|-----------------------|--------------|---------------|---------------|---------------|---------------|--------------|-------------|-----------------|
| 8. 2. 8            | 7. 2. 9     | 7. 2. 9               | 7. 2. 9      | 7. 2. 7       | 7. 2. 10      | 7. 2. 9       | 8. 2. 9       | 8. 2. 8      | 7. 2. 9     | 6. 1. 9         |
| -5°29              | -6°47       | -6°80                 | -5°40        | -7°17         | -3°60         | -7°77         | -6°79         | +6°67        | +6°40       | +8°59           |
| -9°09              | -8°77       | -8°87                 | -8°07        | -8°47         | -3°77         | -9°50         | -9°04         | 3°53         | 3°40        | 3°66            |
| -10°71             | -10°47      | -9°67                 | -8°63        | -10°27        | -9°10         | -10°17        | -9°87         | 2°97         | 3°33        | 2°84            |
| -10°13             | -8°40       | -8°60                 | -7°97        | -8°80         | -7°07         | -8°43         | -8°46         | 7°23         | 4°47        | 6°25            |
| -3°91              | -5°70       | -4°20                 | -5°83        | -5°03         | -3°03         | -6°40         | -5°41         | 13°90        | 13°20       | 12°50           |
| +1°59              | -2°53       | -6°73                 | -4°43        | -4°57         | -5°00         | -7°33         | -6°16         | 10°97        | 10°87       | 11°84           |
| 3°04               | +1°50       | -4°00                 | -1°03        | -1°40         | -2°43         | -2°57         | -2°13         | 11°23        | 10°73       | 10°75           |
| 3°84               | 0°60        | -2°83                 | +2°37        | +2°57         | +2°90         | +1°20         | +2°34         | 9°93         | 10°07       | 12°75           |
| -1°91              | -2°60       | -1°50                 | -1°60        | -1°53         | 0°63          | -1°37         | -0°75         | 14°03        | 13°13       | 14°41           |
| -6°25              | -6°93       | -5°60                 | -5°97        | -5°77         | -4°50         | -5°50         | -5°21         | 16°47        | 14°87       | 16°34           |
| -10°04             | -11°30      | -8°83                 | -11°93       | -9°70         | -6°27         | -11°60        | -10°62        | 15°80        | 15°13       | 16°00           |
| -6°29              | -10°90      | -11°40                | -14°77       | -12°00        | -7°93         | -13°67        | -13°46        | 7°90         | 9°20        | 9°50            |
| -3°59              | -6°80       | -10°20                | -7°80        | -8°73         | -6°97         | -12°03        | -12°54        | 2°90         | 3°73        | 3°50            |
| -2°04              | -3°00       | -5°83                 | -3°87        | -4°67         | -5°00         | -6°67         | -6°13         | 5°93         | 5°27        | 6°91            |
| +0°84              | -1°37       | -1°73                 | +0°07        | -0°77         | -0°33         | -1°20         | -1°01         | 0°67         | 1°33        | 2°30            |
| 3°34               | +1°30       | +1°40                 | 2°07         | +1°43         | +4°20         | +1°27         | +1°16         | -0°93        | -0°47       | 0°41            |
| 7°00               | 4°97        | 4°33                  | 6°03         | 2°93          | 3°33          | 4°37          | +1°80         | +1°47        | 1°84        | 1°84            |
| 3°37               | 1°63        | 3°63                  | 2°00         | 2°93          | 5°83          | 2°23          | 2°75          | 1°63         | 0°27        | 1°75            |
| 1°66               | 0°50        | 1°13                  | 0°97         | 1°17          | 2°13          | 0°93          | 2°09          | 0°90         | 0°73        | 2°00            |
| 13°00              | 6°80        | 8°37                  | 6°80         | 6°10          | 7°37          | 3°50          | 5°75          | 2°17         | 1°53        | 2°25            |
| 15°17              | 11°00       | 12°80                 | 8°53         | 8°67          | 8°20          | 6°60          | 8°75          | -0°50        | -0°27       | 1°34            |
| 7°25               | 3°97        | 6°77                  | 4°63         | 6°47          | 8°87          | 4°10          | 5°79          | -1°33        | -2°07       | -0°84           |
| 10°71              | 8°27        | 8°23                  | 6°67         | 6°73          | 8°43          | 4°27          | 6°88          | +0°80        | +0°13       | +1°25           |
| 2°59               | 2°30        | 7°73                  | 3°20         | 4°03          | 8°23          | 2°90          | 4°59          | 4°67         | 4°40        | 6°25            |
| 3°88               | 3°07        | 3°17                  | 3°23         | 3°63          | 5°50          | 1°73          | 1°46          | 4°13         | 3°13        | 4°34            |
| 12°12              | 8°60        | 7°60                  | 7°10         | 7°97          | 9°27          | 5°00          | 7°34          | 5°40         | 4°20        | 5°54            |
| 13°91              | 11°13       | 10°23                 | 9°27         | 9°53          | 1°20          | 8°10          | 9°79          | 7°90         | 7°73        | 8°66            |
| 11°84              | 9°87        | 10°47                 | 10°20        | 10°13         | 10°93         | 7°33          | 10°87         | 9°37         | 8°33        | 8°37            |
| 13°59              | 10°27       | 10°37                 | 12°30        | 10°10         | 12°13         | 8°67          | 11°04         | 12°17        | 10°33       | 12°91           |
| 10°79              | 8°27        | 10°03                 | 8°93         | 9°53          | 14°03         | 8°13          | 11°50         | 11°17        | 8°53        | 12°75           |
| 6°75               | 4°27        | 7°00                  | 5°27         | 5°57          | 7°83          | 4°13          | 4°59          |              |             |                 |
| +2°48              | +0°42       | +0°53                 | +0°40        | +0°34         | +1°92         | -0°99         | +0°08         | +6°32        | +5°77       | +6°91           |
| +17°9<br>21        | +15°2<br>29 | +18°6<br>21           | +16°8<br>29  | +14°2<br>29   | +20°3<br>30   | +14°0<br>29   | +18°0<br>28   | +2°1<br>10   | +21°4<br>10 | +22°0<br>10     |
| -12°2<br>11        | -20°2<br>12 | -18°8<br>12           | -23°0<br>12  | -22°1<br>12   | -12°5<br>12   | -21°0<br>13   | -21°5<br>13   | -2°7<br>22   | -2°6<br>23  | -1°7<br>16 i 22 |



**Ciepłota w sto-**  
**Średnie**

Kwiecień 1877 roku.

| Dzien      | Sucha        | Czer-<br>nichów | Zako-<br>pane             | Kra-<br>ków  | Poro-<br>nin | Jodło-<br>wik | Boch-<br>nia | Ujście<br>Je-<br>zuick. | Kry-<br>nica | Tar-<br>nów  |
|------------|--------------|-----------------|---------------------------|--------------|--------------|---------------|--------------|-------------------------|--------------|--------------|
|            | 6. 2. 10     | 7. 2. 7         | 8. 2. 8                   | 6. 2. 10     | 7. 2. 9      | 7. 2. 9       | 7. 1. 9      | 8. 2. 8                 | 6. 2. 9      | 7. 2. 9      |
| 1          | + 6'41       | + 6'63          | - 3'33                    | + 6'40       | + 5'16       | + 7'04        | + 8'25       | + 7'23                  | —            | + 7'59       |
| 2          | 1'66         | 2'27            | - 5'07                    | 2'13         | 0'16         | 2'04          | 4'09         | 3'47                    | —            | 2'50         |
| 3          | 1'75         | 4'27            | + 5'77                    | 2'73         | 0'34         | 2'29          | 3'59         | 2'20                    | —            | 2'50         |
| 4          | 6'63         | 4'17            | 8'33                      | 4'33         | 2'54         | 5'96          | 5'66         | 5'13                    | —            | 3'96         |
| 5          | 12'79        | 10'33           | 10'07                     | 8'87         | —            | 10'12         | 8'34         | 5'20                    | + 4'27       | 7'59         |
| 6          | 10'87        | 11'33           | 8'33                      | 9'53         | 7'46         | 9'79          | 10'62        | 10'83                   | 5'07         | 9'96         |
| 7          | 10'88        | 11'60           | 9'27                      | 10'33        | 8'46         | 11'50         | 11'50        | 10'77                   | 5'10         | 11'16        |
| 8          | 10'16        | 12'63           | —                         | —            | 11'07        | 7'04          | 10'04        | 11'91                   | 12'47        | 6'80         |
| 9          | 11'16        | 16'47           | 8'50                      | 11'80        | 8'25         | 14'25         | 13'84        | 15'10                   | 6'70         | 13'63        |
| 10         | 14'29        | 16'67           | 11'00                     | 13'33        | 11'00        | 13'34         | 16'34        | 17'40                   | 5'87         | 16'21        |
| 11         | 14'41        | 15'07           | —                         | 14'07        | 11'84        | 15'71         | 16'16        | 16'40                   | 8'00         | 15'34        |
| 12         | 7'63         | 9'40            | 4'00                      | 8'93         | 5'96         | —             | 11'79        | 9'90                    | 8'10         | 9'09         |
| 13         | 2'66         | 5'00            | - 1'33                    | 3'73         | 0'59         | 2'66          | 3'91         | 4'57                    | 5'40         | 4'04         |
| 14         | 4'75         | 7'27            | + 2'00                    | 5'33         | 3'09         | 5'91          | 6'16         | 7'17                    | 5'43         | 5'29         |
| 15         | 1'12         | 3'60            | - 1'90                    | 1'67         | - 0'75       | —             | 2'88         | 2'43                    | 3'13         | 2'12         |
| 16         | - 0'84       | - 0'07          | - 4'40                    | - 0'40       | - 3'75       | 0'84          | 0'50         | 0'67                    | 0'30         | 0'34         |
| 17         | + 1'54       | + 2'70          | - 1'00                    | + 2'50       | - 1'54       | 1'96          | 2'75         | 2'37                    | 2'13         | 2'50         |
| 18         | 1'04         | 1'73            | - 1'60                    | 1'47         | - 0'46       | 0'29          | 1'62         | 1'20                    | 1'67         | 0'79         |
| 19         | 1'21         | 2'67            | + 0'53                    | 1'80         | + 0'29       | 1'87          | 2'66         | 3'53                    | 1'93         | 2'71         |
| 20         | 1'66         | 4'10            | - 1'73                    | 3'00         | - 0'09       | 2'46          | 3'84         | 4'17                    | 2'93         | 3'66         |
| 21         | 0'16         | 1'07            | - 3'87                    | - 0'17       | - 1'00       | - 1'00        | 0'16         | 0'43                    | 0'20         | - 0'37       |
| 22         | - 1'79       | - 0'27          | - 3'53                    | - 1'10       | - 3'00       | - 1'09        | - 0'34       | - 1'10                  | - 1'83       | - 1'34       |
| 23         | + 0'54       | + 1'13          | - 1'20                    | + 0'07       | - 0'62       | 1'29          | 1'50         | 0'70                    | + 0'37       | + 0'91       |
| 24         | 1'13         | 5'57            | —                         | 4'30         | + 3'41       | 4'84          | 3'59         | 3'97                    | 4'33         | 4'16         |
| 25         | 3'09         | 4'33            | - 0'33                    | 3'73         | 1'41         | —             | 4'10         | 3'97                    | 2'77         | 3'91         |
| 26         | 3'87         | 6'63            | + 2'00                    | 5'07         | 2'88         | 4'71          | 6'59         | 5'67                    | 2'83         | 5'04         |
| 27         | 7'41         | 9'00            | 2'60                      | 6'40         | 4'91         | 6'46          | 7'34         | 6'97                    | 2'70         | 6'62         |
| 28         | 7'96         | 9'23            | 6'43                      | 8'67         | 5'16         | 9'16          | 10'09        | 9'13                    | 3'77         | 9'04         |
| 29         | 9'71         | 12'37           | 8'87                      | 11'53        | 7'41         | 13'21         | 13'16        | 12'90                   | 4'07         | 12'41        |
| 30         | 10'84        | 12'50           | —                         | 11'27        | 8'46         | 11'66         | 13'62        | 13'47                   | 7'27         | 12'96        |
| Średnia    | + 5'49       | + 6'98          | + 2'25                    | + 5'75       | + 3'26       | + 6'23        | + 6'88       | + 6'61                  | + 3'82       | + 6'19       |
| Max.<br>d. | + 22'5<br>10 | + 24'6<br>9     | + 12'0<br>5, 7, 10,<br>11 | + 28'0<br>10 | + 18'0<br>10 | + 20'6<br>10  | + 22'0<br>10 | + 24'5<br>10            | + 11'4<br>30 | + 21'0<br>10 |
| Min.<br>d. | - 3'0<br>22  | - 4'0<br>3      | - 8'0<br>2                | - 2'6<br>22  | - 6'0<br>17  | - 2'7<br>21   | - 2'0<br>21  | - 2'4<br>22             | - 2'3<br>22  | - 2'6<br>22  |

**pnich Celsusa,**  
**dzienne.**

| Koła-<br>czyce | Do-<br>brze-<br>chów | Rze-<br>szów | Stara-<br>wieś  | Ma-<br>niów  | Jaro-<br>sław | Dro-<br>ho-<br>bycz | Lwów         | Stani-<br>sła-<br>wów | Zło-<br>czów | Brze-<br>żany |
|----------------|----------------------|--------------|-----------------|--------------|---------------|---------------------|--------------|-----------------------|--------------|---------------|
| 7. 2. 10       | 7. 2. 9              | 7. 2. 9      | 7. 2. 9         | 7. 1. 9      | 7. 1. 9       | 8. 2. 8             | 7. 2. 9      | 7. 2. 9               | 7. 2. 9      | 7. 2. 7       |
| + 7'21         | + 8'84               | + 7'60       | + 6'93          | + 5'67       | + 7'40        | + 5'87              | + 6'33       | + 7'53                | + 7'13       | + 7'83        |
| 3'34           | 1'84                 | 3'27         | 2'13            | 2'20         | 3'53          | 3'00                | 3'77         | 4'90                  | 4'47         | 5'33          |
| 2'54           | 1'16                 | 2'47         | 1'33            | - 0'37       | 1'90          | 1'91                | 1'43         | 2'00                  | 1'67         | 2'53          |
| 5'75           | 2'00                 | 2'87         | 3'47            | + 1'47       | 4'77          | 4'63                | 2'47         | 3'50                  | 3'23         | 3'43          |
| 7'34           | 5'41                 | 4'53         | 6'23            | 5'83         | 3'50          | 3'75                | 3'63         | 3'07                  | 3'50         | 4'10          |
| 9'84           | 9'34                 | 8'87         | 9'60            | 8'07         | 8'20          | 8'16                | 6'97         | 7'37                  | 6'13         | 6'90          |
| 10'29          | 10'50                | 10'07        | 9'97            | 9'33         | 9'03          | 8'37                | 7'90         | 7'70                  | 7'47         | 6'63          |
| 9'50           | 10'09                | 10'33        | 8'80            | 5'57         | 9'07          | 7'91                | 6'40         | 6'90                  | 7'20         | 7'97          |
| 12'54          | 10'25                | 13'27        | 10'60           | 8'20         | 11'64         | 12'96               | 9'13         | 9'47                  | 10'03        | 9'93          |
| 14'04          | 14'00                | 14'93        | 13'63           | 12'23        | 14'37         | 15'09               | 12'73        | 10'67                 | 13'37        | 11'80         |
| 14'34          | 15'34                | 15'00        | 13'13           | 13'30        | 13'03         | 12'04               | 11'67        | 10'87                 | 12'13        | 11'80         |
| 10'34          | 10'16                | 11'93        | 10'33           | 10'00        | 11'20         | 12'00               | 11'40        | 12'83                 | 13'47        | 13'83         |
| 4'16           | 3'41                 | 4'67         | 2'73            | 0'70         | 3'37          | 2'50                | 2'27         | 4'17                  | 4'00         | 4'10          |
| 5'91           | 4'59                 | 5'93         | 4'53            | 2'80         | 5'93          | 5'34                | 5'30         | 4'43                  | 4'80         | 5'83          |
| 3'41           | 2'59                 | 3'93         | 2'67            | 0'90         | 4'23          | 5'46                | 3'57         | 3'70                  | 3'17         | 4'53          |
| 0'37           | 0'09                 | 1'40         | - 0'10          | - 1'73       | 1'73          | 0'84                | 2'00         | 2'43                  | 3'23         | 4'40          |
| 3'50           | 2'84                 | 3'33         | + 2'67          | + 0'90       | 2'80          | 1'50                | 2'13         | 0'50                  | 3'03         | 2'73          |
| 1'38           | 0'75                 | 0'80         | 0'93            | 1'37         | 0'80          | 1'34                | 0'47         | 3'65                  | 2'17         | 3'13          |
| 3'00           | 2'84                 | 1'87         | 2'40            | 0'90         | 3'07          | 2'25                | 2'37         | 3'47                  | 2'47         | 3'17          |
| 3'96           | 3'66                 | 4'53         | 3'67            | 1'27         | 4'87          | 3'59                | 4'33         | 4'33                  | 5'23         | 5'40          |
| 0'09           | - 0'25               | 0'73         | - 0'10          | - 1'33       | 0'20          | 0'29                | - 0'27       | 1'23                  | 0'63         | 1'07          |
| 0'12           | - 1'16               | - 0'27       | - 1'53          | - 4'10       | - 1'53        | - 0'75              | - 0'07       | - 0'47                | 0'67         | 0'23          |
| 1'09           | + 0'41               | + 0'60       | + 0'47          | - 1'33       | + 0'80        | + 1'00              | + 0'60       | + 1'13                | 0'93         | 1'40          |
| 4'09           | 2'66                 | 3'33         | 2'93            | + 2'47       | 2'80          | 3'54                | 2'13         | 3'37                  | 1'87         | 3'43          |
| 4'25           | 3'34                 | 3'87         | 2'90            | 1'07         | 4'33          | 3'62                | 4'00         | 4'37                  | 4'73         | 4'80          |
| 4'37           | 4'50                 | 6'27         | 4'93            | 2'43         | 5'87          | 5'04                | 5'13         | 4'07                  | 5'80         | 5'53          |
| 5'12           | 5'75                 | 6'33         | 5'67            | 3'53         | 7'77          | 8'25                | 7'33         | 7'47                  | 7'73         | 7'33          |
| 8'29           | 7'00                 | 8'47         | 6'87            | 4'17         | 10'10         | 10'37               | 7'67         | 7'10                  | 7'87         | 8'30          |
| 11'50          | 11'09                | 12'33        | 11'07           | 9'17         | 10'93         | 11'84               | 10'13        | 9'33                  | 10'13        | 10'20         |
| 12'09          | 13'34                | 12'67        | 12'60           | 9'70         | 12'80         | 12'09               | 12'30        | 11'13                 | 12'57        | 12'03         |
| + 6'11         | + 5'41               | + 6'20       | + 5'38          | + 3'81       | + 5'97        | + 5'78              | + 5'17       | + 5'44                | + 5'69       | + 5'99        |
| + 21'0<br>11   | + 21'2<br>11         | + 21'0<br>11 | + 25'0<br>11    | + 20'0<br>11 | + 20'5<br>10  | + 19'5<br>10        | + 18'4<br>10 | + 20'0<br>10          | + 19'2<br>10 | + 17'6<br>10  |
| - 1'9<br>21    | - 4'5<br>4           | - 2'6<br>4   | - 3'2<br>4 i 22 | - 4'7<br>22  | - 1'8<br>22   | - 1'2<br>22         | - 1'8<br>21  | - 1'0<br>17 i 22      | - 1'0<br>22  | - 0'9<br>22   |



**Ciepłota w sto-**  
**Średnie**

*Kwiecień 1876. Maj 1877 roku.*

| Dzień      | Koło-<br>myja | Tarno-<br>pol | Czort-<br>ków | Biél-<br>sko | Ży-<br>wiec  | Wado-<br>wice | Sucha        | Czer-<br>nichów | Zako-<br>pane    | Kra-<br>ków  |
|------------|---------------|---------------|---------------|--------------|--------------|---------------|--------------|-----------------|------------------|--------------|
|            | 7. 2. 10      | 7. 2. 9       | 8. 2. 9       | 8. 2. 8      | 7. 2. 9      | 6. 1. 9       | 6. 2. 10     | 7. 2. 7         | 8. 2. 8          | 6. 2. 10     |
| 1          | + 8'80        | + 5'47        | + 6'41        | + 6'53       | + 6'80       | + 11'16       | + 8'29       | + 8'67          | + 2'27           | + 7'87       |
| 2          | 6'77          | 4'07          | 4'62          | 4'87         | 4'47         | 6'34          | 3'62         | 5'57            | 0'67             | 4'80         |
| 3          | 5'67          | 1'50          | 3'04          | 3'53         | 3'20         | 4'34          | 2'70         | 5'57            | 2'00             | 3'47         |
| 4          | 5'30          | 2'43          | 2'75          | 1'60         | 1'00         | 4'25          | 0'66         | 4'93            | 2'73             | 2'20         |
| 5          | 4'37          | 3'07          | 4'79          | 4'67         | 2'87         | 4'66          | 2'96         | 4'67            | —                | 4'40         |
| 6          | 9'10          | 5'00          | 6'46          | 4'93         | 4'67         | 6'25          | 4'50         | 6'13            | —                | 5'27         |
| 7          | 9'47          | 6'53          | 7'29          | 8'07         | 8'40         | 8'25          | 8'00         | 9'57            | 5'20             | 7'13         |
| 8          | 8'93          | 7'23          | 7'71          | 12'03        | 9'73         | 11'75         | 11'09        | 13'10           | 10'57            | 11'47        |
| 9          | 10'90         | 6'93          | 8'75          | 11'83        | 11'80        | 12'16         | 10'96        | 12'73           | 9'07             | 10'87        |
| 10         | 11'87         | 10'33         | 12'21         | 11'97        | 12'07        | 11'66         | 12'09        | 13'10           | 12'10            | 12'33        |
| 11         | 11'03         | 9'40          | 11'21         | 14'07        | 12'47        | 14'41         | 12'91        | 14'23           | —                | 13'00        |
| 12         | 11'33         | 12'07         | 13'63         | 15'47        | 14'87        | 15'25         | 16'50        | 15'93           | 12'77            | 15'20        |
| 13         | 6'17          | 5'20          | 6'04          | 18'47        | 19'87        | 21'50         | 18'66        | 20'27           | 16'60            | 18'40        |
| 14         | 6'03          | 4'33          | 4'54          | 13'03        | 12'33        | 16'84         | 12'79        | 14'77           | 8'73             | 13'13        |
| 15         | 5'27          | 3'60          | 4'50          | 16'00        | 15'47        | 15'66         | 14'50        | 16'43           | 12'67            | 10'27        |
| 16         | 5'20          | 2'80          | 3'91          | 10'67        | 11'73        | 15'25         | 11'38        | 12'37           | 8'73             | 12'87        |
| 17         | 3'50          | 2'47          | 3'46          | 8'67         | 8'07         | 9'75          | 8'46         | 9'47            | 5'47             | 9'73         |
| 18         | 7'17          | 2'30          | 5'66          | 12'13        | 10'47        | 10'09         | 10'46        | 12'73           | 8'30             | 10'77        |
| 19         | 6'93          | 2'87          | 4'04          | 8'07         | 8'87         | 9'41          | 8'37         | 8'90            | 5'00             | 8'40         |
| 20         | 6'73          | 4'47          | 5'09          | 7'40         | 8'07         | 9'84          | 8'46         | 9'53            | —                | 9'20         |
| 21         | 3'87          | 0'77          | 2'00          | 8'70         | 9'07         | 10'34         | 8'16         | 10'10           | —                | 9'83         |
| 22         | 0'77          | 0'97          | 0'09          | 8'33         | 8'67         | 10'34         | 8'71         | 9'37            | 6'80             | 8'67         |
| 23         | 3'57          | 1'10          | 0'71          | 8'57         | 8'93         | 9'50          | 8'34         | 9'33            | 6'37             | 9'20         |
| 24         | 6'73          | 2'33          | 4'34          | 7'93         | 8'27         | 9'50          | 8'50         | 10'13           | 5'20             | 9'60         |
| 25         | 5'33          | 3'90          | 5'46          | 10'60        | 9'80         | 11'34         | 10'09        | 11'73           | 7'00             | 9'73         |
| 26         | 5'27          | 5'23          | 5'25          | 10'90        | 9'13         | 11'91         | 7'71         | 12'43           | 5'80             | 9'60         |
| 27         | 8'67          | 6'83          | 6'96          | 11'13        | 9'90         | 10'66         | 9'21         | 11'17           | 4'53             | 10'40        |
| 28         | 8'93          | 7'33          | 8'79          | 17'30        | 14'60        | 16'91         | 13'84        | 14'17           | 13'27            | 13'87        |
| 29         | 10'13         | 8'67          | 10'71         | 19'30        | 18'27        | 21'91         | 17'38        | 18'83           | 14'20            | 17'27        |
| 30         | 12'03         | 10'77         | 12'29         | 20'57        | 19'93        | 22'25         | 20'87        | 20'40           | 17'00            | 18'27        |
| 31         |               |               |               | 16'67        | 17'07        | 18'34         | 14'96        | 15'93           | 14'90            | 14'93        |
| Średnia    | + 7'19        | + 5'00        | + 6'09        | + 10'77      | + 10'35      | + 11'99       | + 10'17      | + 11'69         | + 8'38           | + 10'59      |
| Max.<br>d. | + 20'0<br>10  | + 17'0<br>12  | + 17'9<br>12  | + 24'8<br>30 | + 23'2<br>13 | + 25'0<br>30  | + 24'4<br>13 | + 25'0<br>30    | + 20'0<br>13 130 | + 26'1<br>13 |
| Min.<br>d. | —0'5<br>22    | —1'5<br>5     | —0'1<br>23    | —1'3<br>5    | —1'0<br>5    | + 1'2<br>4    | —1'1<br>4    | + 0'8<br>5      | —2'0<br>2        | —0'6<br>5    |

**pnialach Celsusza,**  
**dzienne.**

| Poro-<br>niu | Jodło-<br>wnik | Boch-<br>nia | Ujście<br>Je-<br>zuick. | Kry-<br>nica | Tar-<br>nów   | Koła-<br>czyce | Do-<br>brze-<br>chów | Rze-<br>szów | Stara-<br>wieś | Ma-<br>niów  |
|--------------|----------------|--------------|-------------------------|--------------|---------------|----------------|----------------------|--------------|----------------|--------------|
| 7. 2. 9      | 7. 2. 9        | 7. 1. 9      | 8. 2. 8                 | 6. 2. 9      | 7. 2. 9       | 7. 2. 10       | 7. 2. 9              | 7. 2. 9      | 7. 2. 9        | 7. 1. 9      |
| + 3'54       | + 7'09         | + 9'00       | + 9'53                  | + 4'53       | + 8'50        | + 8'62         | + 8'25               | + 8'93       | + 7'80         | + 5'93       |
| 1'37         | 4'50           | 6'34         | 7'17                    | 4'53         | 5'50          | 5'71           | 4'59                 | 5'87         | 4'40           | 1'13         |
| 1'41         | 4'00           | 4'50         | 6'00                    | 3'50         | 4'37          | 4'63           | 3'84                 | 5'20         | 5'50           | 0'97         |
| —0'34        | —              | 2'59         | 4'80                    | 1'50         | 3'29          | 2'25           | 1'25                 | 3'53         | 1'97           | 0'93         |
| + 2'13       | —              | 6'41         | 5'23                    | 3'50         | 5'09          | 5'12           | 4'09                 | 5'80         | 4'47           | 3'77         |
| 3'21         | —              | 6'41         | 5'20                    | 4'77         | 4'91          | 6'21           | 7'34                 | 7'33         | 7'33           | 8'07         |
| 6'21         | —              | 7'79         | 8'07                    | 6'27         | 7'46          | 7'71           | 7'59                 | 7'87         | 7'27           | 6'67         |
| 10'04        | —              | 8'71         | 13'00                   | 5'90         | 13'00         | 11'79          | 11'50                | 11'67        | 11'27          | 11'40        |
| 10'13        | 12'75          | 12'50        | 10'60                   | 7'10         | 11'59         | 12'00          | 11'25                | 10'27        | 11'33          | 11'40        |
| 10'66        | 13'50          | 14'50        | 12'90                   | 8'47         | 13'16         | 14'00          | 13'00                | 12'60        | 12'07          | 11'27        |
| 11'25        | 13'87          | 13'34        | 13'90                   | 6'77         | 13'04         | 14'13          | 13'25                | 13'60        | 12'03          | 11'33        |
| 15'37        | 15'84          | 17'34        | 16'67                   | 11'00        | 17'41         | 17'04          | 14'50                | 16'27        | 15'47          | 14'63        |
| 18'50        | 20'50          | 20'75        | 21'67                   | 12'07        | 20'71         | 22'12          | 20'60                | 20'53        | 20'93          | 18'20        |
| 10'59        | 12'63          | 13'09        | 13'63                   | 11'17        | 12'75         | 13'50          | 12'66                | 13'13        | 13'30          | 12'87        |
| 12'16        | 15'71          | 16'71        | 17'00                   | 10'90        | 17'38         | 17'29          | 15'50                | 16'80        | 10'30          | 15'53        |
| 9'75         | 12'41          | 16'04        | 13'10                   | 10'57        | 12'37         | 13'21          | 13'50                | 15'67        | 14'13          | 10'73        |
| 6'63         | 9'09           | 10'59        | 10'40                   | 9'53         | 9'66          | 9'79           | 10'59                | 11'27        | 10'13          | 9'17         |
| 7'91         | 9'84           | 10'09        | 9'30                    | 9'27         | 8'91          | 9'16           | 8'84                 | 9'73         | 8'53           | 7'67         |
| 6'96         | 8'50           | 9'50         | 9'30                    | 8'50         | 8'91          | 9'66           | 8'16                 | 10'07        | 8'80           | 7'40         |
| 7'66         | 9'62           | 10'00        | 11'67                   | 9'17         | 10'88         | 11'29          | 11'41                | —            | 11'63          | 11'23        |
| 7'75         | 10'25          | 11'09        | 10'87                   | 9'47         | 10'41         | 11'29          | 11'16                | 11'53        | 11'20          | 10'50        |
| 7'84         | 9'13           | 9'79         | 9'90                    | 9'13         | 9'62          | 9'66           | 9'66                 | 10'07        | 9'33           | 7'93         |
| 7'79         | 9'16           | 10'16        | 11'00                   | 9'37         | 11'00         | 11'46          | 10'25                | 11'47        | 11'20          | 8'70         |
| 7'21         | 8'84           | 10'21        | 10'83                   | 8'67         | 10'79         | 10'50          | 10'41                | 11'13        | 9'93           | 8'30         |
| 7'41         | 9'16           | 10'84        | 11'90                   | 8'23         | 11'09         | 10'21          | 9'66                 | 10'13        | 9'73           | 7'40         |
| 7'00         | 9'21           | 10'79        | 11'77                   | 8'73         | 10'37         | 8'79           | 10'16                | 11'20        | 8'77           | 7'93         |
| 5'59         | 9'46           | 13'01        | 11'33                   | 8'23         | 9'91          | 9'66           | 8'16                 | —            | 9'03           | 7'47         |
| 11'91        | 14'29          | 16'91        | 16'20                   | 9'23         | 15'13         | 13'79          | 11'75                | 14'87        | 13'27          | 12'27        |
| 15'41        | 15'25          | 19'41        | 18'73                   | 12'50        | 18'91         | 17'59          | 15'75                | 18'20        | 16'67          | 15'20        |
| 17'06        | 20'12          | 22'41        | 21'50                   | 14'53        | 20'96         | 19'54          | 19'50                | 20'33        | 20'07          | 16'57        |
| 15'84        | 16'00          | —            | 16'10                   | 14'37        | 16'25         | 17'34          | 17'75                | 16'60        | 16'80          | 17'43        |
| + 8'60       | + 11'57        | + 11'72      | + 11'93                 | + 8'45       | + 11'40       | + 11'45        | + 10'84              | + 11'78      | + 10'99        | + 9'68       |
| + 21'2<br>13 | + 23'9<br>13   | + 26'7<br>30 | + 25'8<br>13            | + 18'2<br>29 | + 25'5<br>13  | + 25'7<br>13   | + 25'0<br>13         | + 25'8<br>13 | + 27'0<br>13   | + 21'4<br>13 |
| —2'5<br>4    | + 1'2<br>3     | + 1'7<br>4   | + 2'4<br>4              | + 0'3<br>4   | + 1'5<br>4 15 | + 0'0<br>4     | —0'3<br>4            | + 1'4<br>4   | —2'0<br>5      | —1'8<br>4    |



**Ciepłota w sto-  
Średnie**

*Maj 1877 r.*

| Dzień      | Jaro-<br>sław           | Dro-<br>ho-<br>bycz     | Lwów                    | Stani-<br>sła-<br>wów   | Zło-<br>czów            | Brze-<br>żany           | Koło-<br>myja           | Tarno-<br>nopol             | Czort-<br>ków           |
|------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------------|-------------------------|
|            | 7.1.9                   | 8.2.8                   | 7.2.9                   | 7.2.9                   | 7.2.9                   | 7.2.7                   | 7.2.10                  | 7.2.9                       | 8.2.9                   |
| 1          | + 9 <sup>53</sup>       | + 8 <sup>91</sup>       | + 9 <sup>63</sup>       | + 11 <sup>00</sup>      | + 11 <sup>80</sup>      | + 12 <sup>27</sup>      | + 10 <sup>90</sup>      | + 11 <sup>97</sup>          | + 12 <sup>91</sup>      |
| 2          | 5 <sup>63</sup>         | 4 <sup>12</sup>         | 4 <sup>53</sup>         | 3 <sup>77</sup>         | 4 <sup>97</sup>         | 4 <sup>93</sup>         | 4 <sup>83</sup>         | 4 <sup>97</sup>             | 4 <sup>79</sup>         |
| 3          | 5 <sup>53</sup>         | 4 <sup>34</sup>         | 4 <sup>37</sup>         | 3 <sup>63</sup>         | 5 <sup>07</sup>         | 4 <sup>70</sup>         | 5 <sup>33</sup>         | 4 <sup>27</sup>             | 3 <sup>91</sup>         |
| 4          | 5 <sup>43</sup>         | 5 <sup>21</sup>         | 3 <sup>67</sup>         | 4 <sup>30</sup>         | 4 <sup>97</sup>         | 6 <sup>00</sup>         | 6 <sup>43</sup>         | 5 <sup>03</sup>             | 5 <sup>96</sup>         |
| 5          | 4 <sup>10</sup>         | 2 <sup>46</sup>         | 3 <sup>03</sup>         | 7 <sup>13</sup>         | 3 <sup>30</sup>         | 4 <sup>83</sup>         | 10 <sup>47</sup>        | 3 <sup>53</sup>             | 7 <sup>21</sup>         |
| 6          | 7 <sup>43</sup>         | 11 <sup>75</sup>        | 9 <sup>50</sup>         | 11 <sup>00</sup>        | 10 <sup>70</sup>        | 12 <sup>03</sup>        | 14 <sup>40</sup>        | 9 <sup>73</sup>             | 13 <sup>46</sup>        |
| 7          | 8 <sup>77</sup>         | 13 <sup>29</sup>        | 7 <sup>33</sup>         | 9 <sup>07</sup>         | 8 <sup>90</sup>         | 9 <sup>47</sup>         | 9 <sup>97</sup>         | 7 <sup>80</sup>             | 8 <sup>66</sup>         |
| 8          | 10 <sup>33</sup>        | 11 <sup>34</sup>        | 9 <sup>87</sup>         | 10 <sup>23</sup>        | 10 <sup>63</sup>        | 10 <sup>87</sup>        | 10 <sup>03</sup>        | 9 <sup>20</sup>             | 10 <sup>84</sup>        |
| 9          | 10 <sup>70</sup>        | 10 <sup>29</sup>        | 10 <sup>70</sup>        | 10 <sup>93</sup>        | 10 <sup>73</sup>        | 11 <sup>30</sup>        | 11 <sup>00</sup>        | 10 <sup>03</sup>            | 11 <sup>59</sup>        |
| 10         | 13 <sup>50</sup>        | 14 <sup>50</sup>        | 12 <sup>73</sup>        | 13 <sup>37</sup>        | 12 <sup>67</sup>        | 13 <sup>43</sup>        | 14 <sup>13</sup>        | 12 <sup>90</sup>            | 12 <sup>59</sup>        |
| 11         | 13 <sup>67</sup>        | 14 <sup>46</sup>        | 13 <sup>27</sup>        | 14 <sup>03</sup>        | 12 <sup>50</sup>        | 14 <sup>87</sup>        | 14 <sup>77</sup>        | 12 <sup>90</sup>            | 15 <sup>41</sup>        |
| 12         | 17 <sup>10</sup>        | 16 <sup>62</sup>        | 17 <sup>50</sup>        | 16 <sup>93</sup>        | 18 <sup>13</sup>        | 17 <sup>70</sup>        | 17 <sup>90</sup>        | 16 <sup>13</sup>            | 17 <sup>00</sup>        |
| 13         | 19 <sup>93</sup>        | 21 <sup>75</sup>        | 19 <sup>20</sup>        | 20 <sup>90</sup>        | 20 <sup>40</sup>        | 20 <sup>60</sup>        | 20 <sup>73</sup>        | 18 <sup>67</sup>            | 20 <sup>91</sup>        |
| 14         | 16 <sup>87</sup>        | 16 <sup>00</sup>        | 14 <sup>83</sup>        | 15 <sup>70</sup>        | 13 <sup>97</sup>        | 16 <sup>60</sup>        | 16 <sup>60</sup>        | 17 <sup>53</sup>            | 19 <sup>54</sup>        |
| 15         | 16 <sup>37</sup>        | 16 <sup>29</sup>        | 15 <sup>80</sup>        | 15 <sup>30</sup>        | 16 <sup>23</sup>        | 15 <sup>83</sup>        | 17 <sup>20</sup>        | 15 <sup>83</sup>            | 18 <sup>09</sup>        |
| 16         | 18 <sup>13</sup>        | 17 <sup>84</sup>        | 18 <sup>00</sup>        | 18 <sup>40</sup>        | 19 <sup>73</sup>        | 18 <sup>67</sup>        | 17 <sup>93</sup>        | 18 <sup>53</sup>            | 18 <sup>87</sup>        |
| 17         | 13 <sup>43</sup>        | 11 <sup>71</sup>        | 14 <sup>33</sup>        | 13 <sup>53</sup>        | 17 <sup>60</sup>        | 17 <sup>70</sup>        | 15 <sup>30</sup>        | 17 <sup>30</sup>            | 19 <sup>41</sup>        |
| 18         | 11 <sup>47</sup>        | 10 <sup>34</sup>        | 15 <sup>60</sup>        | 12 <sup>23</sup>        | 18 <sup>80</sup>        | 18 <sup>23</sup>        | 13 <sup>70</sup>        | 17 <sup>80</sup>            | 18 <sup>25</sup>        |
| 19         | 11 <sup>67</sup>        | 10 <sup>04</sup>        | 14 <sup>20</sup>        | 13 <sup>20</sup>        | 17 <sup>17</sup>        | 16 <sup>10</sup>        | 14 <sup>37</sup>        | 16 <sup>03</sup>            | 15 <sup>54</sup>        |
| 20         | 13 <sup>67</sup>        | 14 <sup>34</sup>        | 15 <sup>50</sup>        | 15 <sup>40</sup>        | 15 <sup>93</sup>        | 16 <sup>37</sup>        | 15 <sup>73</sup>        | 15 <sup>90</sup>            | 17 <sup>00</sup>        |
| 21         | 12 <sup>73</sup>        | 17 <sup>34</sup>        | 14 <sup>90</sup>        | 15 <sup>27</sup>        | 15 <sup>20</sup>        | 16 <sup>10</sup>        | 14 <sup>93</sup>        | 16 <sup>63</sup>            | 16 <sup>91</sup>        |
| 22         | 11 <sup>10</sup>        | 11 <sup>29</sup>        | 13 <sup>07</sup>        | 12 <sup>00</sup>        | 14 <sup>07</sup>        | 13 <sup>57</sup>        | 13 <sup>83</sup>        | 13 <sup>73</sup>            | 13 <sup>00</sup>        |
| 23         | 13 <sup>60</sup>        | 12 <sup>62</sup>        | 14 <sup>87</sup>        | 13 <sup>70</sup>        | 15 <sup>37</sup>        | 15 <sup>30</sup>        | 14 <sup>50</sup>        | 14 <sup>70</sup>            | 15 <sup>13</sup>        |
| 24         | 11 <sup>40</sup>        | 10 <sup>50</sup>        | 10 <sup>60</sup>        | 10 <sup>83</sup>        | 11 <sup>10</sup>        | 11 <sup>83</sup>        | 12 <sup>20</sup>        | 11 <sup>73</sup>            | 11 <sup>62</sup>        |
| 25         | 11 <sup>57</sup>        | 9 <sup>75</sup>         | 9 <sup>37</sup>         | 10 <sup>77</sup>        | 9 <sup>87</sup>         | 10 <sup>63</sup>        | 19 <sup>73</sup>        | 9 <sup>40</sup>             | 11 <sup>13</sup>        |
| 26         | 10 <sup>60</sup>        | 11 <sup>84</sup>        | 10 <sup>23</sup>        | 9 <sup>50</sup>         | 10 <sup>07</sup>        | 10 <sup>43</sup>        | 8 <sup>57</sup>         | 9 <sup>43</sup>             | 10 <sup>66</sup>        |
| 27         | 9 <sup>43</sup>         | 12 <sup>16</sup>        | 10 <sup>07</sup>        | 10 <sup>13</sup>        | 11 <sup>27</sup>        | 11 <sup>10</sup>        | 9 <sup>60</sup>         | 9 <sup>27</sup>             | 10 <sup>41</sup>        |
| 28         | 14 <sup>80</sup>        | 16 <sup>59</sup>        | 13 <sup>13</sup>        | 12 <sup>40</sup>        | 13 <sup>70</sup>        | 14 <sup>17</sup>        | 13 <sup>13</sup>        | 12 <sup>70</sup>            | 13 <sup>84</sup>        |
| 29         | 19 <sup>17</sup>        | 20 <sup>29</sup>        | 16 <sup>37</sup>        | 16 <sup>27</sup>        | 18 <sup>07</sup>        | 17 <sup>27</sup>        | 15 <sup>57</sup>        | 15 <sup>70</sup>            | 17 <sup>25</sup>        |
| 30         | 20 <sup>93</sup>        | 18 <sup>79</sup>        | 18 <sup>17</sup>        | 19 <sup>30</sup>        | 21 <sup>27</sup>        | 20 <sup>77</sup>        | 19 <sup>73</sup>        | 18 <sup>63</sup>            | 20 <sup>46</sup>        |
| 31         | 19 <sup>87</sup>        | 21 <sup>96</sup>        | 19 <sup>20</sup>        | 19 <sup>97</sup>        | 21 <sup>00</sup>        | 19 <sup>43</sup>        | 20 <sup>80</sup>        | 18 <sup>53</sup>            | 22 <sup>59</sup>        |
| Średnia    | + 12 <sup>53</sup>      | + 12 <sup>86</sup>      | + 12 <sup>39</sup>      | + 12 <sup>62</sup>      | + 13 <sup>39</sup>      | + 13 <sup>65</sup>      | + 13 <sup>40</sup>      | + 12 <sup>79</sup>          | + 14 <sup>05</sup>      |
| Max.<br>d. | + 25 <sup>0</sup><br>14 | + 25 <sup>4</sup><br>31 | + 24 <sup>0</sup><br>13 | + 28 <sup>0</sup><br>13 | + 26 <sup>0</sup><br>13 | + 25 <sup>1</sup><br>13 | + 28 <sup>1</sup><br>13 | + 25 <sup>5</sup><br>30, 31 | + 27 <sup>0</sup><br>31 |
| Min.<br>d. | + 2 <sup>2</sup><br>5   | + 0 <sup>7</sup><br>5   | + 2 <sup>0</sup><br>5   | + 0 <sup>9</sup><br>5   | + 2 <sup>4</sup><br>5   | + 2 <sup>0</sup><br>5   | + 3 <sup>2</sup><br>4   | 6 <sup>0</sup><br>4         | + 2 <sup>5</sup><br>3   |

**pnich Celsiuszu.  
dziennie.**

*Czerwiec 1877 roku.*

| Biél-<br>sko          | Ży-<br>wiec           | Wado-<br>wice         | Sucha                 | Czer-<br>ni-<br>chów  | Zako-<br>pane            | Kra-<br>ków           | Rabka                 | Poro-<br>nin          | Jodło-<br>wnik        | Bocha-<br>nia         |
|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 8.2.8                 | 7.2.9                 | 6.2.10                | 6.2.10                | 7.2.7                 | 8.2.8                    | 6.2.10                | 7.2.7                 | 7.2.9                 | 7.2.9                 | 7.1.9                 |
| 18 <sup>33</sup>      | 18 <sup>87</sup>      | 20 <sup>75</sup>      | 17 <sup>54</sup>      | 20 <sup>00</sup>      | 17 <sup>33</sup>         | 17 <sup>40</sup>      | —                     | 17 <sup>62</sup>      | 17 <sup>46</sup>      | —                     |
| 13 <sup>43</sup>      | 13 <sup>60</sup>      | 16 <sup>41</sup>      | 12 <sup>75</sup>      | 15 <sup>20</sup>      | 13 <sup>20</sup>         | 14 <sup>00</sup>      | —                     | 12 <sup>84</sup>      | 14 <sup>29</sup>      | —                     |
| 18 <sup>17</sup>      | 15 <sup>47</sup>      | 19 <sup>50</sup>      | 15 <sup>12</sup>      | 18 <sup>87</sup>      | 15 <sup>53</sup>         | 16 <sup>13</sup>      | —                     | 15 <sup>50</sup>      | 15 <sup>34</sup>      | —                     |
| 21 <sup>70</sup>      | 20 <sup>80</sup>      | 21 <sup>50</sup>      | 15 <sup>71</sup>      | 21 <sup>77</sup>      | 18 <sup>33</sup>         | 19 <sup>33</sup>      | —                     | 17 <sup>13</sup>      | 20 <sup>41</sup>      | —                     |
| 23 <sup>57</sup>      | 23 <sup>20</sup>      | 22 <sup>29</sup>      | 21 <sup>34</sup>      | 23 <sup>10</sup>      | 18 <sup>67</sup>         | 21 <sup>40</sup>      | —                     | 18 <sup>12</sup>      | 20 <sup>59</sup>      | 25 <sup>34</sup>      |
| 24 <sup>03</sup>      | 22 <sup>00</sup>      | 23 <sup>00</sup>      | 20 <sup>59</sup>      | 23 <sup>50</sup>      | 21 <sup>27</sup>         | 21 <sup>87</sup>      | —                     | 19 <sup>79</sup>      | 22 <sup>37</sup>      | 25 <sup>50</sup>      |
| 22 <sup>50</sup>      | 19 <sup>93</sup>      | 21 <sup>25</sup>      | 20 <sup>50</sup>      | 23 <sup>37</sup>      | 20 <sup>40</sup>         | 21 <sup>40</sup>      | —                     | 19 <sup>00</sup>      | 21 <sup>04</sup>      | 24 <sup>84</sup>      |
| 22 <sup>13</sup>      | 20 <sup>93</sup>      | 23 <sup>00</sup>      | 20 <sup>50</sup>      | 22 <sup>20</sup>      | 18 <sup>60</sup>         | 20 <sup>33</sup>      | —                     | 18 <sup>91</sup>      | 19 <sup>96</sup>      | 22 <sup>09</sup>      |
| 24 <sup>17</sup>      | 21 <sup>00</sup>      | 24 <sup>16</sup>      | 22 <sup>09</sup>      | 22 <sup>40</sup>      | 21 <sup>20</sup>         | 21 <sup>87</sup>      | —                     | 19 <sup>46</sup>      | 21 <sup>59</sup>      | 22 <sup>06</sup>      |
| 21 <sup>90</sup>      | 21 <sup>20</sup>      | 23 <sup>75</sup>      | 20 <sup>75</sup>      | 23 <sup>00</sup>      | —                        | 21 <sup>67</sup>      | —                     | 18 <sup>59</sup>      | 20 <sup>13</sup>      | 20 <sup>84</sup>      |
| 24 <sup>13</sup>      | 21 <sup>87</sup>      | 24 <sup>25</sup>      | 21 <sup>50</sup>      | 23 <sup>67</sup>      | 19 <sup>80</sup>         | 22 <sup>60</sup>      | 22 <sup>84</sup>      | 19 <sup>29</sup>      | 21 <sup>16</sup>      | 23 <sup>54</sup>      |
| 24 <sup>57</sup>      | 24 <sup>13</sup>      | 25 <sup>16</sup>      | 23 <sup>34</sup>      | 24 <sup>13</sup>      | 22 <sup>80</sup>         | 24 <sup>27</sup>      | 24 <sup>09</sup>      | 20 <sup>29</sup>      | 23 <sup>71</sup>      | 26 <sup>25</sup>      |
| 23 <sup>00</sup>      | 20 <sup>60</sup>      | 21 <sup>91</sup>      | 18 <sup>04</sup>      | 20 <sup>77</sup>      | 20 <sup>97</sup>         | 19 <sup>00</sup>      | 20 <sup>96</sup>      | 19 <sup>21</sup>      | 21 <sup>62</sup>      | 22 <sup>84</sup>      |
| 13 <sup>57</sup>      | 12 <sup>53</sup>      | 14 <sup>79</sup>      | 12 <sup>16</sup>      | 14 <sup>23</sup>      | 8 <sup>17</sup>          | 13 <sup>07</sup>      | 11 <sup>04</sup>      | 10 <sup>29</sup>      | 12 <sup>63</sup>      | 14 <sup>66</sup>      |
| 13 <sup>07</sup>      | 11 <sup>40</sup>      | 16 <sup>25</sup>      | 12 <sup>34</sup>      | 13 <sup>33</sup>      | 9 <sup>13</sup>          | 12 <sup>87</sup>      | 11 <sup>34</sup>      | 10 <sup>84</sup>      | 12 <sup>09</sup>      | 14 <sup>25</sup>      |
| 14 <sup>37</sup>      | 11 <sup>53</sup>      | 15 <sup>84</sup>      | 11 <sup>62</sup>      | 14 <sup>20</sup>      | 10 <sup>20</sup>         | 13 <sup>47</sup>      | 11 <sup>91</sup>      | 11 <sup>66</sup>      | 12 <sup>66</sup>      | 15 <sup>25</sup>      |
| 15 <sup>17</sup>      | 11 <sup>60</sup>      | 16 <sup>00</sup>      | 11 <sup>66</sup>      | 15 <sup>07</sup>      | —                        | 14 <sup>40</sup>      | 13 <sup>87</sup>      | 11 <sup>00</sup>      | 13 <sup>04</sup>      | 15 <sup>25</sup>      |
| 17 <sup>90</sup>      | 16 <sup>07</sup>      | 18 <sup>54</sup>      | 13 <sup>13</sup>      | 18 <sup>33</sup>      | 11 <sup>83</sup>         | 16 <sup>47</sup>      | 14 <sup>79</sup>      | 12 <sup>79</sup>      | 14 <sup>46</sup>      | 17 <sup>50</sup>      |
| 20 <sup>20</sup>      | 18 <sup>27</sup>      | 21 <sup>09</sup>      | 17 <sup>41</sup>      | 20 <sup>10</sup>      | 11 <sup>83</sup>         | 18 <sup>67</sup>      | 18 <sup>12</sup>      | 15 <sup>21</sup>      | 18 <sup>00</sup>      | 20 <sup>87</sup>      |
| 22 <sup>63</sup>      | 21 <sup>33</sup>      | 21 <sup>91</sup>      | 18 <sup>91</sup>      | 19 <sup>43</sup>      | 17 <sup>40</sup>         | 20 <sup>67</sup>      | 20 <sup>29</sup>      | 16 <sup>84</sup>      | 21 <sup>16</sup>      | 23 <sup>00</sup>      |
| 19 <sup>60</sup>      | 18 <sup>60</sup>      | 21 <sup>75</sup>      | 18 <sup>16</sup>      | 21 <sup>20</sup>      | 14 <sup>93</sup>         | 19 <sup>20</sup>      | 17 <sup>66</sup>      | 15 <sup>91</sup>      | 18 <sup>34</sup>      | 21 <sup>25</sup>      |
| 19 <sup>80</sup>      | 17 <sup>60</sup>      | 22 <sup>12</sup>      | 17 <sup>25</sup>      | 19 <sup>90</sup>      | 18 <sup>87</sup>         | 19 <sup>87</sup>      | 19 <sup>75</sup>      | 17 <sup>50</sup>      | 19 <sup>12</sup>      | 21 <sup>00</sup>      |
| 19 <sup>27</sup>      | 20 <sup>47</sup>      | 23 <sup>34</sup>      | 19 <sup>00</sup>      | 21 <sup>60</sup>      | 15 <sup>53</sup>         | 20 <sup>70</sup>      | 19 <sup>16</sup>      | 17 <sup>41</sup>      | 17 <sup>88</sup>      | 19 <sup>84</sup>      |
| 17 <sup>97</sup>      | 18 <sup>67</sup>      | 20 <sup>91</sup>      | 17 <sup>21</sup>      | 19 <sup>50</sup>      | 9 <sup>17</sup>          | 19 <sup>73</sup>      | 17 <sup>50</sup>      | 16 <sup>21</sup>      | 18 <sup>59</sup>      | 19 <sup>59</sup>      |
| —                     | 12 <sup>43</sup>      | 18 <sup>34</sup>      | 12 <sup>50</sup>      | 13 <sup>37</sup>      | 10 <sup>87</sup>         | 13 <sup>80</sup>      | 10 <sup>88</sup>      | 10 <sup>09</sup>      | 12 <sup>46</sup>      | 13 <sup>16</sup>      |
| 15 <sup>77</sup>      | 13 <sup>87</sup>      | 20 <sup>62</sup>      | 10 <sup>75</sup>      | 16 <sup>13</sup>      | 11 <sup>40</sup>         | 15 <sup>40</sup>      | 13 <sup>41</sup>      | 11 <sup>41</sup>      | 13 <sup>71</sup>      | 16 <sup>00</sup>      |
| 19 <sup>07</sup>      | 16 <sup>87</sup>      | 20 <sup>91</sup>      | 16 <sup>13</sup>      | 17 <sup>87</sup>      | 12 <sup>00</sup>         | 16 <sup>73</sup>      | 16 <sup>71</sup>      | 13 <sup>75</sup>      | 17 <sup>16</sup>      | 17 <sup>66</sup>      |
| —                     | 16 <sup>63</sup>      | 17 <sup>84</sup>      | 15 <sup>84</sup>      | 17 <sup>07</sup>      | 15 <sup>33</sup>         | 17 <sup>00</sup>      | 16 <sup>50</sup>      | 14 <sup>84</sup>      | 17 <sup>50</sup>      | 20 <sup>09</sup>      |
| 13 <sup>43</sup>      | 12 <sup>73</sup>      | 16 <sup>50</sup>      | 12 <sup>16</sup>      | 14 <sup>53</sup>      | —                        | 13 <sup>60</sup>      | —                     | 11 <sup>12</sup>      | 12 <sup>54</sup>      | 15 <sup>41</sup>      |
| 16 <sup>90</sup>      | 15 <sup>07</sup>      | 20 <sup>25</sup>      | 14 <sup>21</sup>      | 15 <sup>30</sup>      | 12 <sup>70</sup>         | 15 <sup>93</sup>      | —                     | 12 <sup>04</sup>      | 15 <sup>34</sup>      | 17 <sup>25</sup>      |
| 19 <sup>36</sup>      | 17 <sup>64</sup>      | 20 <sup>46</sup>      | 16 <sup>67</sup>      | 19 <sup>10</sup>      | 15 <sup>46</sup>         | 18 <sup>10</sup>      | 16 <sup>71</sup>      | 15 <sup>49</sup>      | 17 <sup>55</sup>      | 19 <sup>85</sup>      |
| 32 <sup>5</sup><br>12 | 30 <sup>0</sup><br>12 | 30 <sup>0</sup><br>12 | 32 <sup>5</sup><br>12 | 27 <sup>8</sup><br>9  | 25 <sup>8</sup><br>7, 12 | 35 <sup>2</sup><br>12 | 28 <sup>1</sup><br>12 | 26 <sup>1</sup><br>12 | 28 <sup>7</sup><br>12 | 31 <sup>7</sup><br>12 |
| 7 <sup>2</sup><br>16  | 7 <sup>6</sup><br>16  | 12 <sup>5</sup><br>14 | 6 <sup>2</sup><br>26  | 10 <sup>8</sup><br>16 | 5 <sup>4</sup><br>17     | 8 <sup>8</sup><br>3   | 8 <sup>5</sup><br>15  | 6 <sup>7</sup><br>17  | 9 <sup>6</sup><br>15  | 11 <sup>0</sup><br>15 |



**Ciepłota w sto-**  
**Średnie**

*Czerwiec 1877 roku.*

| Dzien      | Ujście<br>Je-<br>zuick. | Kry-<br>nica | Tar-<br>nów | Koła-<br>czyce | Do-<br>brze-<br>chów | Stara-<br>wieś | Ma-<br>niów | Jaro-<br>sław | Dro-<br>ho-<br>bycz | Lwów       |
|------------|-------------------------|--------------|-------------|----------------|----------------------|----------------|-------------|---------------|---------------------|------------|
|            | 8. 2. 8                 | 6. 2. 9      | 7. 2. 9     | 7. 2. 10       | 7. 2. 9              | 7. 2. 9        | 7. 1. 9     | 7. 1. 9       | 8. 2. 8             | 7. 2. 9    |
| 1          | 18°83                   | 15°73        | 18°91       | 18°62          | 18°16                | 18°33          | 17°23       | 18°10         | 20°21               | 17°07      |
| 2          | 16°20                   | 13°77        | 16°66       | 17°34          | 16°91                | 16°87          | 15°17       | 17°80         | 17°75               | 16°57      |
| 3          | 18°77                   | 16°49        | 17°79       | 18°13          | 17°50                | 17°83          | 15°47       | 17°70         | 19°79               | 17°60      |
| 4          | 21°90                   | 16°63        | 21°37       | 19°25          | 18°50                | 19°57          | 17°10       | 20°90         | 21°87               | 19°93      |
| 5          | 23°67                   | 17°27        | 23°88       | 21°87          | 20°84                | 21°47          | 19°30       | 23°13         | 23°50               | 21°07      |
| 6          | 24°90                   | 18°87        | 25°41       | 22°88          | 22°34                | 23°07          | 20°60       | 23°37         | 23°88               | 22°50      |
| 7          | 24°67                   | 19°57        | 24°34       | 20°87          | 22°75                | 22°60          | 19°33       | 23°50         | 24°62               | 22°93      |
| 8          | 21°73                   | 19°57        | 20°59       | 20°79          | 20°00                | 21°07          | 19°50       | 22°60         | 21°66               | 21°33      |
| 9          | 22°87                   | 18°23        | 22°59       | 22°04          | 23°09                | 22°97          | 19°27       | 23°27         | 23°38               | 21°13      |
| 10         | 22°97                   | 20°00        | 21°46       | 20°66          | 20°84                | 20°43          | 18°40       | 22°50         | 20°41               | 19°63      |
| 11         | 25°13                   | 19°03        | 24°50       | 21°91          | 20°75                | 21°60          | 18°50       | 25°67         | 24°34               | 21°30      |
| 12         | 26°43                   | 20°07        | 25°50       | 24°21          | 22°59                | 24°67          | 22°10       | 26°60         | 26°84               | 23°87      |
| 13         | 20°80                   | 19°97        | 22°66       | 20°88          | 21°34                | 21°27          | 18°27       | 25°30         | 25°37               | 23°47      |
| 14         | 14°00                   | 14°20        | 13°04       | 12°66          | 11°25                | 11°80          | 8°70        | 17°57         | 13°04               | 14°60      |
| 15         | 14°43                   | 13°10        | 13°66       | 12°06          | 13°00                | 12°00          | 10°73       | 15°13         | 14°50               | 12°60      |
| 16         | 16°07                   | 12°80        | 14°66       | 14°50          | 13°91                | 12°90          | 11°17       | 16°47         | 17°00               | 13°63      |
| 17         | 16°70                   | 11°73        | 16°16       | 14°50          | 14°50                | 13°83          | 12°23       | 16°83         | 15°54               | 14°23      |
| 18         | 20°00                   | 12°80        | 17°29       | 14°75          | 14°75                | 14°83          | 12°57       | 17°70         | 15°46               | 15°97      |
| 19         | 21°20                   | 14°83        | 20°04       | 17°96          | 17°75                | 18°93          | 15°63       | 20°13         | 22°21               | 18°29      |
| 20         | 22°90                   | 15°93        | 23°04       | 21°41          | 21°84                | 21°43          | 18°37       | 23°00         | 21°91               | 20°23      |
| 21         | 21°10                   | 17°77        | 20°91       | 19°71          | 18°50                | 19°70          | 16°07       | 20°10         | 22°38               | 18°93      |
| 22         | 20°70                   | 18°40        | 20°41       | 20°12          | 18°91                | 20°67          | 17°60       | 22°40         | 21°91               | 18°97      |
| 23         | 20°80                   | 19°73        | 19°88       | 20°04          | 19°34                | 22°23          | 19°40       | 24°70         | 23°54               | 21°40      |
| 24         | 20°00                   | 17°40        | 19°66       | 19°50          | 19°34                | 18°47          | 16°97       | 19°50         | 21°71               | 20°93      |
| 25         | 14°53                   | 12°97        | 15°00       | 12°25          | 12°84                | 12°20          | 10°57       | 16°00         | 16°34               | 15°20      |
| 26         | 17°00                   | 13°00        | 15°37       | 12°66          | 13°41                | 14°93          | 11°87       | 16°60         | 13°54               | 14°07      |
| 27         | 19°53                   | 13°87        | 17°75       | 16°09          | 15°09                | 15°63          | 13°90       | 19°00         | 18°75               | 17°27      |
| 28         | 18°50                   | 14°17        | 18°71       | 16°91          | 15°66                | 16°30          | 17°30       | 18°70         | 20°16               | 19°17      |
| 29         | 14°13                   | 14°27        | 15°21       | 14°16          | 13°00                | 12°80          | 12°67       | 15°93         | 13°16               | 14°50      |
| 30         | 18°60                   | 14°27        | 17°29       | 14°91          | 15°25                | 14°47          | 12°27       | 19°03         | 16°84               | 15°03      |
| 31         |                         |              |             |                |                      |                |             |               |                     |            |
| Średnia    | 19°97                   | 16°21        | 19°46       | 18°15          | 17°80                | 18°16          | 15°93       | 20°31         | 20°05               | 18°44      |
| Max.<br>d. | 33°0<br>12              | 27°0<br>22   | 29°7<br>12  | 31°1<br>12     | 30°2<br>13           | 35°8<br>11     | 27°0<br>12  | 30°0<br>13    | 29°4<br>12          | 28°1<br>13 |
| Min.<br>d. | 12°2<br>25              | 7°1<br>27    | 11°2<br>14  | 9°7<br>15      | 5°5<br>18            | 5°1<br>17      | 7°5<br>14   | 10°2<br>15    | 11°0<br>25          | 11°3<br>17 |

**pninach Celsiusza.**  
**dzienne.**

*Lipiec 1877 r.*

| Stani-<br>sław-<br>ów | Zło-<br>czów | Brze-<br>żany | Koło-<br>myja | Tarno-<br>pol | Czort-<br>ków | Biél-<br>sko | Ży-<br>wiec | Wado-<br>wice | Sucha      | Czer-<br>ni-<br>chów |
|-----------------------|--------------|---------------|---------------|---------------|---------------|--------------|-------------|---------------|------------|----------------------|
| 7. 2. 9               | 7. 2. 9      | 7. 2. 7       | 7. 2. 10      | 7. 2. 9       | 8. 2. 9       | 8. 2. 8      | 7. 2. 9     | 6. 1. 9       | 6. 2. 10   | 7. 2. 7              |
| 19°10                 | 17°50        | 18°67         | 20°87         | 16°80         | 19°84         | 21°10        | 20°03       | 25°71         | 19°62      | 18°17                |
| 17°63                 | 18°47        | 17°57         | 18°37         | 15°87         | 16°96         | 25°23        | 23°80       | 24°25         | 22°41      | 21°70                |
| 18°30                 | 19°63        | 18°50         | 18°13         | 17°37         | 18°46         | 24°63        | 22°07       | 24°25         | 21°34      | 20°47                |
| 19°37                 | 21°60        | 20°27         | 18°17         | 19°33         | 21°00         | 13°13        | 13°80       | 21°25         | 12°59      | 16°23                |
| 20°87                 | 22°53        | 21°53         | 19°17         | 19°63         | 22°41         | 18°27        | 17°07       | 19°09         | 16°79      | 18°87                |
| 20°83                 | 23°07        | 21°67         | 20°80         | 21°37         | 22°06         | 17°30        | 16°20       | 19°34         | 17°13      | 16°97                |
| 22°50                 | 24°27        | 23°40         | 21°97         | 21°97         | 23°41         | 20°20        | 15°47       | 23°41         | 18°91      | 19°87                |
| 21°53                 | 21°77        | 22°63         | 21°90         | 22°00         | 23°63         | 14°90        | 14°17       | 25°16         | 14°91      | 16°53                |
| 22°30                 | 22°20        | 21°80         | 22°27         | 19°77         | 22°04         | 13°17        | 14°07       | 17°25         | 13°21      | 15°60                |
| 19°33                 | 19°20        | 21°80         | 19°60         | 19°70         | 19°96         | 13°20        | 14°33       | 17°91         | 12°21      | 15°40                |
| 20°43                 | 23°33        | 22°63         | 20°37         | 21°80         | 22°09         | 15°17        | 17°03       | 18°91         | 13°46      | 16°87                |
| 23°03                 | 25°43        | 23°27         | 22°47         | 23°47         | 23°62         | 18°53        | 18°23       | 20°84         | 16°75      | 19°80                |
| 24°63                 | 25°67        | 24°57         | 23°73         | 21°83         | 26°50         | 20°60        | 20°90       | 21°66         | 18°04      | 21°53                |
| 12°43                 | 12°43        | 13°57         | 14°87         | 13°37         | 15°46         | 21°13        | 21°50       | 22°50         | 19°91      | 22°50                |
| 13°37                 | 12°70        | 13°10         | 12°80         | 10°97         | 12°41         | 23°43        | 22°67       | 23°84         | 22°84      | 24°40                |
| 14°70                 | 14°33        | 13°90         | 13°87         | 12°67         | 14°21         | 25°40        | 23°60       | 25°34         | 22°21      | 23°90                |
| 13°33                 | 15°07        | 15°03         | 14°03         | 12°77         | 13°96         | 16°87        | 20°40       | 19°25         | 16°88      | 18°77                |
| 15°60                 | 14°47        | 15°83         | 15°77         | 14°67         | 15°00         | 15°20        | 16°83       | 17°75         | 13°66      | 16°70                |
| 19°60                 | 19°10        | 20°13         | 19°50         | 17°53         | 18°84         | 14°53        | 16°67       | 15°41         | 13°75      | 15°50                |
| 21°27                 | 22°57        | 21°30         | 21°50         | 20°63         | 22°34         | 16°90        | 17°93       | 16°75         | 14°75      | 17°73                |
| 18°93                 | 15°00        | 19°20         | 20°60         | 15°30         | 18°00         | 16°03        | 16°77       | 17°16         | 16°00      | 17°07                |
| 20°10                 | 19°67        | 19°83         | 22°20         | 17°30         | 19°37         | 15°70        | 16°43       | 17°75         | 15°25      | 18°17                |
| 21°90                 | 23°13        | 22°93         | 23°63         | 21°03         | 24°29         | 21°97        | 21°43       | 19°59         | 19°09      | 21°87                |
| 21°17                 | 22°37        | 22°13         | 21°87         | 21°83         | 22°71         | 24°83        | 23°40       | 19°25         | 21°29      | 24°30                |
| 15°60                 | 16°90        | 16°63         | 17°47         | 18°70         | 18°75         | 26°03        | 23°67       | 20°54         | 22°37      | 25°90                |
| 11°90                 | 13°60        | 13°07         | 14°17         | 12°63         | 12°21         | 16°10        | 21°03       | 20°16         | 17°79      | 20°27                |
| 16°73                 | 16°53        | 17°30         | 16°93         | 15°97         | 15°91         | 18°30        | 19°17       | 18°59         | 15°91      | 19°37                |
| 18°40                 | 20°40        | 19°00         | 19°47         | 18°50         | 19°66         | 14°33        | 18°43       | 17°16         | 14°37      | 17°57                |
| 13°63                 | 14°07        | 15°37         | 13°77         | 13°87         | 15°54         | 18°20        | 18°77       | 17°66         | 15°25      | 17°93                |
| 14°37                 | 14°67        | 15°27         | 13°93         | 14°07         | 14°63         | 17°43        | 16°83       | 18°00         | 14°50      | 17°43                |
|                       |              |               |               |               |               | 20°83        | 21°07       | 17°50         | 19°29      | 21°43                |
| 18°43                 | 19°06        | 19°06         | 18°81         | 17°76         | 19°21         | 18°67        | 18°83       | 20°10         | 17°18      | 19°32                |
| 31°6<br>13            | 30°8<br>13   | 29°1<br>13    | 29°3<br>13    | 29°0<br>13    | 31°5<br>13    | 29°7<br>25   | 31°2<br>24  | 30°6<br>1     | 31°0<br>15 | 29°9<br>25           |
| 10°0<br>14            | 8°7<br>15    | 11°0<br>16    | 11°1<br>15    | 5°5<br>17     | 10°9<br>14    | 10°0<br>10   | 11°2<br>4   | 14°2<br>19    | 9°1<br>19  | 13°4<br>21           |



**Ciepłota w sto-**  
**Średnie**

*Lipiec 1877 roku.*

| Dzień      | Zako-<br>pane | Kra-<br>ków | Rabka      | Poronin         | Jodłownik  | Bochnia    | Ujście<br>Je-<br>zuick. | Krynica    | Tarnów         | Koła-<br>czyce |
|------------|---------------|-------------|------------|-----------------|------------|------------|-------------------------|------------|----------------|----------------|
|            | 8. 2. 8       | 6. 2. 10    | 7. 2. 10   | 7. 2. 9         | 7. 2. 9    | 7. 1. 9    | 8. 2. 8                 | 5. 2. 9    | 7. 2. 9        | 7. 2. 10       |
| 1          | 18'40         | 20'27       | —          | 17'25           | 19'79      | 22'34      | 22'30                   | 16'73      | 20'62          | 19'71          |
| 2          | 19'77         | 22'47       | 21'50      | 18'59           | 22'29      | 24'09      | 24'17                   | 17'33      | 24'38          | 22'16          |
| 3          | 21'00         | 20'47       | 21'84      | 19'91           | 21'66      | 23'25      | 24'53                   | 19'10      | 24'50          | 23'34          |
| 4          | 14'37         | 15'60       | 14'41      | 13'29           | 15'71      | 16'75      | 17'70                   | 16'50      | 17'46          | 17'59          |
| 5          | 14'72         | 17'27       | 17'16      | 15'71           | 16'71      | 18'46      | 20'33                   | 16'17      | 19'41          | 18'75          |
| 6          | 18'93         | 17'27       | 18'12      | 18'34           | 19'21      | 19'91      | 19'20                   | 17'83      | 21'34          | 20'54          |
| 7          | 19'77         | 19'07       | 19'41      | 17'87           | 19'79      | 20'96      | 21'10                   | 17'53      | 20'87          | 21'37          |
| 8          | 11'33         | 16'13       | 14'75      | 13'21           | 15'59      | 17'59      | 16'60                   | 15'40      | 16'16          | 16'50          |
| 9          | 8'33          | 13'67       | 11'25      | 9'50            | 12'00      | 14'00      | 14'70                   | 12'67      | 12'46          | 13'29          |
| 10         | 8'07          | 12'37       | 10'88      | 9'75            | 12'54      | 13'34      | 14'40                   | 10'50      | 12'46          | 12'16          |
| 11         | 11'20         | 15'73       | 13'00      | 12'41           | 15'37      | 16'29      | 16'70                   | 14'27      | 16'96          | 15'41          |
| 12         | 13'67         | 17'27       | 15'06      | 14'16           | 16'96      | 18'75      | 20'30                   | 16'20      | 18'79          | 18'84          |
| 13         | 18'60         | 19'80       | 20'50      | 17'59           | 20'71      | 22'16      | 22'30                   | 17'30      | 23'00          | 21'46          |
| 14         | 18'67         | 21'07       | 19'87      | 17'75           | 19'88      | 21'91      | 23'47                   | 16'67      | 22'00          | 21'59          |
| 15         | 19'00         | 21'53       | 21'09      | 18'41           | 21'50      | 23'84      | 23'83                   | 18'20      | 24'25          | 23'50          |
| 16         | 21'80         | 22'00       | 22'21      | 21'21           | 23'62      | 24'84      | 23'40                   | 20'13      | 20'38          | 23'41          |
| 17         | 16'53         | 16'07       | 17'34      | 16'50           | 17'59      | 18'91      | 21'40                   | 18'17      | 18'50          | 17'71          |
| 18         | 11'37         | 15'37       | 13'29      | 12'29           | 14'96      | 15'84      | 15'80                   | 14'10      | 15'41          | 15'09          |
| 19         | 9'43          | 14'33       | —          | 11'59           | 14'41      | 15'16      | 14'80                   | 14'40      | 14'34          | 14'63          |
| 20         | 12'87         | 16'33       | 13'84      | 13'09           | 16'21      | 16'91      | 17'90                   | 14'60      | 16'91          | 16'16          |
| 21         | 13'00         | 15'43       | 13'06      | 13'62           | 16'34      | 16'66      | 16'60                   | 15'00      | 16'37          | 15'71          |
| 22         | —             | 16'47       | 15'29      | 13'59           | 16'16      | 18'00      | 16'50                   | 14'83      | 16'29          | 16'62          |
| 23         | 17'27         | 18'73       | 18'71      | 16'79           | 18'79      | 19'96      | 20'60                   | 16'77      | 20'46          | 18'63          |
| 24         | 21'53         | 21'20       | 21'46      | 18'37           | 22'66      | 23'41      | 23'70                   | 17'53      | 22'88          | 22'00          |
| 25         | —             | 23'33       | —          | 20'59           | 24'04      | 25'29      | 23'80                   | 19'27      | —              | 22'00          |
| 26         | 16'30         | 19'07       | 17'50      | 15'88           | 19'04      | 19'41      | 20'10                   | 16'67      | —              | 19'38          |
| 27         | 12'73         | 17'80       | 15'16      | —               | 16'09      | 17'79      | 17'90                   | 15'77      | —              | 16'50          |
| 28         | —             | 16'40       | 13'88      | 12'71           | 15'54      | 16'34      | 16'87                   | 14'50      | —              | 15'79          |
| 29         | 13'57         | 16'33       | 14'54      | —               | 15'75      | 17'50      | 18'20                   | 16'00      | —              | 16'04          |
| 30         | 14'00         | 16'60       | —          | 14'62           | 16'50      | 17'71      | 18'50                   | 14'23      | —              | 18'16          |
| 31         | 18'73         | 19'47       | 18'54      | 17'46           | 19'04      | 20'25      | 21'40                   | 17'47      | —              | 19'91          |
| Średnia    | 15'57         | 17'93       | 16'87      | 15'59           | 17'95      | 19'28      | 19'65                   | 16'19      | 19'01          | 18'52          |
| Max.<br>d. | 26'2<br>25    | 34'2<br>2   | 26'1<br>16 | 25'7<br>3,16,25 | 28'0<br>25 | 31'2<br>25 | 32'0<br>3               | 26'4<br>16 | 29'4<br>3      | 30'0<br>3      |
| Min.<br>d. | 6'0<br>9      | 9'0<br>10   | 9'6<br>10  | 8'0<br>9        | 10'6<br>9  | 11'0<br>9  | 10'6<br>10              | 7'2<br>10  | 11'2<br>9 i 10 | 10'2<br>10     |

**pniać Celstusa,**  
**dziennie.**

| Do-<br>brze-<br>chów | Stara-<br>wieś | Ma-<br>niów | Jaro-<br>sław | Dro-<br>ho-<br>bycz | Lwów       | Stani-<br>sław-<br>wów | Zło-<br>czów | Brze-<br>żany | Koło-<br>myja | Tar-<br>nopol | Czort-<br>ków |
|----------------------|----------------|-------------|---------------|---------------------|------------|------------------------|--------------|---------------|---------------|---------------|---------------|
| 7. 2. 9              | 7. 2. 9        | 7. 1. 9     | 7. 1. 9       | 8. 2. 8             | 7. 2. 9    | 7. 2. 9                | 7. 2. 9      | 7. 2. 7       | 7. 2. 10      | 7. 2. 9       | 8. 2. 9       |
| 19'16                | 18'70          | 16'50       | 21'00         | 19'29               | 18'23      | 17'60                  | 18'60        | 18'93         | 17'33         | 16'27         | 17'41         |
| 21'66                | 21'53          | 18'30       | 23'17         | 23'29               | 20'23      | 20'07                  | 21'77        | 20'63         | 19'60         | 19'40         | 20'87         |
| 23'59                | 23'20          | 19'80       | 25'47         | 25'16               | 22'03      | 21'57                  | 23'40        | 22'33         | 22'10         | 20'97         | 22'46         |
| 18'59                | 20'03          | 18'87       | 21'13         | 19'21               | 20'97      | 21'17                  | 23'57        | 22'00         | 21'97         | 21'03         | 23'25         |
| 17'59                | 17'27          | 14'70       | 18'07         | 17'75               | 17'67      | 16'87                  | 16'37        | 17'90         | 17'80         | 15'87         | 16'84         |
| 20'41                | 21'03          | 19'20       | 22'33         | 23'66               | 20'83      | 20'83                  | 22'20        | 22'27         | 21'70         | 19'37         | 22'09         |
| 19'41                | 20'37          | 19'17       | 23'60         | 23'29               | 21'97      | 21'37                  | 25'40        | 21'97         | 22'70         | 22'77         | 24'87         |
| 17'91                | 16'37          | 13'93       | 16'03         | 16'59               | 16'70      | 19'43                  | 18'60        | 18'50         | 20'00         | 17'87         | 21'63         |
| 12'59                | 11'23          | 10'59       | 13'37         | 13'54               | 13'70      | 13'70                  | 13'60        | 14'23         | 16'00         | 13'87         | 15'09         |
| 12'66                | 11'37          | 9'97        | 13'60         | 14'75               | 13'33      | 14'93                  | 14'87        | 14'07         | 14'53         | 13'20         | 14'04         |
| 15'00                | 14'47          | 12'13       | 16'43         | 17'29               | 14'47      | 14'87                  | 14'77        | 15'17         | 13'93         | 12'73         | 14'84         |
| 16'25                | 18'27          | 15'30       | 18'70         | 18'21               | 16'93      | 17'83                  | 18'50        | 18'07         | 16'60         | 16'20         | 18'54         |
| 20'25                | 21'93          | 17'67       | 23'00         | 22'87               | 19'93      | 20'13                  | 21'57        | 19'63         | 19'90         | 18'57         | 21'41         |
| 21'66                | 22'23          | 19'83       | 23'20         | 23'59               | 21'13      | 20'10                  | 22'10        | 21'20         | 21'93         | 20'07         | 22'66         |
| 22'75                | 22'90          | 20'37       | 24'30         | 24'34               | 21'57      | 21'37                  | 23'07        | 22'70         | 22'83         | 21'57         | 22'59         |
| 25'00                | 22'63          | 20'60       | 24'67         | 26'50               | 22'90      | 23'83                  | 25'17        | 23'93         | 24'33         | 23'43         | 25'50         |
| 18'00                | 18'13          | 19'03       | 18'60         | 23'00               | 21'43      | 22'80                  | 23'67        | 22'03         | 20'37         | 21'83         | 23'34         |
| 14'00                | 13'57          | 14'10       | 15'73         | 16'84               | 17'30      | 19'53                  | 17'57        | 18'20         | 19'83         | 16'87         | 20'25         |
| 14'59                | 14'03          | 12'27       | 16'43         | 14'75               | 15'80      | 16'13                  | 15'62        | 16'00         | —             | 15'27         | 16'41         |
| 15'84                | 16'50          | 12'63       | 17'47         | 16'21               | 16'60      | 17'00                  | 16'40        | 16'33         | 19'37         | 16'27         | 16'71         |
| 15'41                | 16'07          | 15'00       | 16'07         | 17'00               | 10'20      | 17'17                  | 16'77        | 17'33         | 17'97         | 16'27         | 18'84         |
| 14'00                | 14'73          | 13'10       | 15'70         | 16'84               | 15'80      | 16'07                  | 15'87        | 16'17         | 17'53         | 15'33         | 15'87         |
| 17'09                | 17'63          | 16'10       | 18'30         | 19'46               | 16'63      | 17'43                  | 17'37        | 17'47         | 18'63         | 17'03         | 17'91         |
| 20'66                | 21'30          | 18'33       | 21'43         | 21'50               | 18'37      | 21'23                  | 20'37        | 19'80         | 17'87         | 18'60         | 19'84         |
| 22'66                | 23'13          | 21'97       | 22'63         | 22'96               | 20'13      | 21'47                  | 21'27        | 20'97         | 19'73         | 19'67         | 22'13         |
| 19'00                | 20'43          | 19'00       | 20'83         | 20'25               | 19'30      | 19'67                  | 20'60        | 20'47         | 20'43         | 20'67         | 23'00         |
| 16'00                | 15'93          | 15'33       | 17'77         | 18'00               | 18'27      | 18'90                  | 18'33        | 19'60         | 20'33         | 18'80         | 19'37         |
| 15'50                | 14'97          | 13'13       | 16'23         | 16'50               | 16'97      | 16'23                  | 16'70        | 16'80         | 19'43         | 17'03         | 18'16         |
| 15'66                | 15'57          | 12'00       | 17'80         | 15'84               | 16'50      | 15'73                  | 17'17        | 16'13         | 15'93         | 17'00         | 18'16         |
| 16'16                | 15'00          | 15'07       | 17'33         | 18'79               | 17'77      | 19'13                  | 19'60        | 18'37         | 18'00         | 17'47         | 18'54         |
| 18'66                | 19'03          | 16'83       | 19'67         | 20'75               | 18'30      | 20'07                  | 17'43        | 18'80         | —             | 17'17         | 18'91         |
| 17'99                | 18'05          | 16'17       | 19'39         | 19'62               | 18'32      | 18'85                  | 19'30        | 18'97         | 19'26         | 18'04         | 19'73         |
| 24'0<br>3            | 38'9<br>24     | 26'7<br>25  | 28'7<br>13    | 27'5<br>17          | 26'8<br>16 | 30'2<br>16             | 29'6<br>16   | 29'2<br>16    | 29'4<br>16    | 29'5<br>7     | 30'5<br>16    |
| 6'2<br>12            | 6'5<br>10      | 8'0<br>9    | 11'0<br>10    | 11'4<br>9           | 11'2<br>10 | 11'6<br>11             | 10'6<br>10   | 13'0<br>10    | 11'4<br>24    | 7'5<br>11     | 13'1<br>9     |



**Ciepłota w sto-**  
**Średnie**

*Sierpień 1877 roku.*

| Dzień      | Bielsko                 | Żywiec                 | Wadowice               | Sucha                  | Czer-<br>nichów         | Zako-<br>pane          | Kra-<br>ków            | Poronin                 | Jodlo-<br>wnik          | Bochnia                 |
|------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|
|            | 8. 2. 8                 | 7. 2. 9                | 6. 2. 10               | 6. 2. 10               | 7. 2. 7                 | 8. 2. 8                | 6. 2. 10               | 7. 2. 9                 | 7. 2. 9                 | 7. 1. 9                 |
| 1          | 24 <sup>0</sup> 87      | 24 <sup>0</sup> 17     | 26 <sup>0</sup> 16     | 24 <sup>0</sup> 00     | 24 <sup>0</sup> 70      | 20 <sup>0</sup> 83     | 22 <sup>0</sup> 13     | 18 <sup>0</sup> 34      | 23 <sup>0</sup> 37      | 24 <sup>0</sup> 75      |
| 2          | 18 <sup>0</sup> 30      | 20 <sup>0</sup> 83     | 19 <sup>0</sup> 41     | 16 <sup>0</sup> 34     | 20 <sup>0</sup> 80      | 20 <sup>0</sup> 83     | 18 <sup>0</sup> 40     | 10 <sup>0</sup> 96      | 21 <sup>0</sup> 38      | 23 <sup>0</sup> 12      |
| 3          | 14 <sup>0</sup> 97      | 16 <sup>0</sup> 00     | 13 <sup>0</sup> 84     | 12 <sup>0</sup> 96     | 15 <sup>0</sup> 47      | 9 <sup>0</sup> 93      | 14 <sup>0</sup> 10     | 9 <sup>0</sup> 54       | 15 <sup>0</sup> 34      | 14 <sup>0</sup> 75      |
| 4          | 17 <sup>0</sup> 17      | 12 <sup>0</sup> 83     | 14 <sup>0</sup> 41     | 10 <sup>0</sup> 91     | 13 <sup>0</sup> 90      | 10 <sup>0</sup> 87     | 12 <sup>0</sup> 27     | 10 <sup>0</sup> 46      | 14 <sup>0</sup> 71      | 16 <sup>0</sup> 38      |
| 5          | 16 <sup>0</sup> 60      | 15 <sup>0</sup> 67     | 16 <sup>0</sup> 91     | 13 <sup>0</sup> 16     | 16 <sup>0</sup> 10      | —                      | 14 <sup>0</sup> 20     | 11 <sup>0</sup> 91      | 13 <sup>0</sup> 09      | 15 <sup>0</sup> 50      |
| 6          | 17 <sup>0</sup> 40      | 17 <sup>0</sup> 00     | 17 <sup>0</sup> 75     | 14 <sup>0</sup> 34     | 18 <sup>0</sup> 53      | 14 <sup>0</sup> 67     | 15 <sup>0</sup> 40     | —                       | 14 <sup>0</sup> 54      | 16 <sup>0</sup> 34      |
| 7          | 20 <sup>0</sup> 33      | 20 <sup>0</sup> 63     | 24 <sup>0</sup> 84     | 17 <sup>0</sup> 29     | 20 <sup>0</sup> 40      | 15 <sup>0</sup> 67     | 18 <sup>0</sup> 33     | —                       | 18 <sup>0</sup> 41      | 19 <sup>0</sup> 25      |
| 8          | 22 <sup>0</sup> 77      | 21 <sup>0</sup> 27     | 25 <sup>0</sup> 91     | 20 <sup>0</sup> 79     | 23 <sup>0</sup> 40      | 19 <sup>0</sup> 97     | 20 <sup>0</sup> 60     | 17 <sup>0</sup> 09      | 20 <sup>0</sup> 91      | 22 <sup>0</sup> 66      |
| 9          | 23 <sup>0</sup> 37      | 22 <sup>0</sup> 40     | 28 <sup>0</sup> 21     | 20 <sup>0</sup> 50     | 24 <sup>0</sup> 30      | 21 <sup>0</sup> 00     | 22 <sup>0</sup> 20     | 18 <sup>0</sup> 34      | 23 <sup>0</sup> 50      | 23 <sup>0</sup> 91      |
| 10         | 15 <sup>0</sup> 63      | 15 <sup>0</sup> 87     | 18 <sup>0</sup> 00     | 16 <sup>0</sup> 34     | 18 <sup>0</sup> 83      | 17 <sup>0</sup> 60     | 18 <sup>0</sup> 27     | 15 <sup>0</sup> 41      | 17 <sup>0</sup> 16      | 20 <sup>0</sup> 34      |
| 11         | 19 <sup>0</sup> 50      | 17 <sup>0</sup> 27     | 19 <sup>0</sup> 75     | 17 <sup>0</sup> 37     | 19 <sup>0</sup> 53      | 15 <sup>0</sup> 10     | 19 <sup>0</sup> 20     | 15 <sup>0</sup> 71      | 18 <sup>0</sup> 00      | 18 <sup>0</sup> 84      |
| 12         | 20 <sup>0</sup> 83      | 18 <sup>0</sup> 13     | 22 <sup>0</sup> 09     | 19 <sup>0</sup> 00     | 19 <sup>0</sup> 93      | —                      | 19 <sup>0</sup> 40     | 15 <sup>0</sup> 84      | 19 <sup>0</sup> 16      | 19 <sup>0</sup> 37      |
| 13         | 18 <sup>0</sup> 20      | 15 <sup>0</sup> 80     | 21 <sup>0</sup> 16     | 17 <sup>0</sup> 63     | 17 <sup>0</sup> 27      | 17 <sup>0</sup> 17     | 18 <sup>0</sup> 87     | —                       | 18 <sup>0</sup> 91      | 20 <sup>0</sup> 04      |
| 14         | 19 <sup>0</sup> 03      | 19 <sup>0</sup> 27     | 19 <sup>0</sup> 59     | 19 <sup>0</sup> 91     | 22 <sup>0</sup> 57      | 21 <sup>0</sup> 10     | 20 <sup>0</sup> 53     | 17 <sup>0</sup> 29      | 20 <sup>0</sup> 91      | 23 <sup>0</sup> 04      |
| 15         | 21 <sup>0</sup> 87      | 19 <sup>0</sup> 73     | 21 <sup>0</sup> 66     | 17 <sup>0</sup> 79     | 20 <sup>0</sup> 20      | 17 <sup>0</sup> 70     | 19 <sup>0</sup> 33     | 17 <sup>0</sup> 29      | 19 <sup>0</sup> 91      | 23 <sup>0</sup> 96      |
| 16         | 23 <sup>0</sup> 30      | 20 <sup>0</sup> 73     | 21 <sup>0</sup> 41     | 19 <sup>0</sup> 71     | 22 <sup>0</sup> 13      | 18 <sup>0</sup> 20     | 20 <sup>0</sup> 13     | 17 <sup>0</sup> 00      | 20 <sup>0</sup> 38      | 21 <sup>0</sup> 00      |
| 17         | 21 <sup>0</sup> 80      | 20 <sup>0</sup> 13     | 23 <sup>0</sup> 66     | 17 <sup>0</sup> 66     | 21 <sup>0</sup> 00      | 19 <sup>0</sup> 80     | 20 <sup>0</sup> 47     | 16 <sup>0</sup> 66      | 19 <sup>0</sup> 71      | 20 <sup>0</sup> 91      |
| 18         | 18 <sup>0</sup> 13      | 16 <sup>0</sup> 73     | 23 <sup>0</sup> 21     | 17 <sup>0</sup> 38     | 18 <sup>0</sup> 63      | 15 <sup>0</sup> 13     | 17 <sup>0</sup> 33     | 15 <sup>0</sup> 09      | 17 <sup>0</sup> 71      | 19 <sup>0</sup> 09      |
| 19         | 19 <sup>0</sup> 20      | 17 <sup>0</sup> 73     | 23 <sup>0</sup> 00     | 17 <sup>0</sup> 54     | 20 <sup>0</sup> 03      | 16 <sup>0</sup> 40     | 18 <sup>0</sup> 53     | 15 <sup>0</sup> 16      | 17 <sup>0</sup> 79      | 20 <sup>0</sup> 59      |
| 20         | 23 <sup>0</sup> 30      | 22 <sup>0</sup> 33     | 25 <sup>0</sup> 09     | 22 <sup>0</sup> 66     | 23 <sup>0</sup> 03      | 22 <sup>0</sup> 23     | 20 <sup>0</sup> 00     | 18 <sup>0</sup> 50      | 22 <sup>0</sup> 50      | 22 <sup>0</sup> 96      |
| 21         | 24 <sup>0</sup> 97      | 22 <sup>0</sup> 87     | 25 <sup>0</sup> 41     | 22 <sup>0</sup> 12     | 24 <sup>0</sup> 30      | 21 <sup>0</sup> 27     | 22 <sup>0</sup> 53     | 20 <sup>0</sup> 04      | 23 <sup>0</sup> 59      | 24 <sup>0</sup> 59      |
| 22         | 23 <sup>0</sup> 77      | 23 <sup>0</sup> 13     | 25 <sup>0</sup> 91     | 21 <sup>0</sup> 71     | 23 <sup>0</sup> 73      | 20 <sup>0</sup> 50     | 22 <sup>0</sup> 53     | 19 <sup>0</sup> 50      | 22 <sup>0</sup> 00      | 24 <sup>0</sup> 34      |
| 23         | 20 <sup>0</sup> 27      | 20 <sup>0</sup> 73     | 25 <sup>0</sup> 66     | 20 <sup>0</sup> 00     | 22 <sup>0</sup> 37      | 18 <sup>0</sup> 40     | 20 <sup>0</sup> 60     | 19 <sup>0</sup> 21      | 21 <sup>0</sup> 37      | 22 <sup>0</sup> 29      |
| 24         | 16 <sup>0</sup> 50      | 16 <sup>0</sup> 87     | 22 <sup>0</sup> 59     | 16 <sup>0</sup> 75     | 18 <sup>0</sup> 53      | 15 <sup>0</sup> 33     | 17 <sup>0</sup> 60     | 14 <sup>0</sup> 29      | 16 <sup>0</sup> 37      | 18 <sup>0</sup> 16      |
| 25         | 17 <sup>0</sup> 17      | 16 <sup>0</sup> 33     | 20 <sup>0</sup> 10     | 16 <sup>0</sup> 46     | 16 <sup>0</sup> 97      | 15 <sup>0</sup> 00     | 15 <sup>0</sup> 40     | 14 <sup>0</sup> 04      | 15 <sup>0</sup> 59      | 17 <sup>0</sup> 71      |
| 26         | 19 <sup>0</sup> 83      | 20 <sup>0</sup> 47     | 16 <sup>0</sup> 50     | 18 <sup>0</sup> 54     | 20 <sup>0</sup> 50      | 16 <sup>0</sup> 87     | 19 <sup>0</sup> 20     | 16 <sup>0</sup> 54      | 21 <sup>0</sup> 25      | 21 <sup>0</sup> 21      |
| 27         | 20 <sup>0</sup> 00      | 17 <sup>0</sup> 80     | 17 <sup>0</sup> 00     | 17 <sup>0</sup> 79     | 19 <sup>0</sup> 67      | 16 <sup>0</sup> 73     | 18 <sup>0</sup> 93     | —                       | 18 <sup>0</sup> 84      | 20 <sup>0</sup> 16      |
| 28         | 21 <sup>0</sup> 97      | 20 <sup>0</sup> 00     | 15 <sup>0</sup> 41     | 19 <sup>0</sup> 12     | 21 <sup>0</sup> 73      | 18 <sup>0</sup> 13     | 20 <sup>0</sup> 40     | 16 <sup>0</sup> 79      | 20 <sup>0</sup> 66      | 21 <sup>0</sup> 91      |
| 29         | 21 <sup>0</sup> 77      | 22 <sup>0</sup> 27     | 20 <sup>0</sup> 41     | 20 <sup>0</sup> 66     | 23 <sup>0</sup> 47      | 20 <sup>0</sup> 87     | 20 <sup>0</sup> 40     | 16 <sup>0</sup> 91      | 21 <sup>0</sup> 71      | 23 <sup>0</sup> 00      |
| 30         | 20 <sup>0</sup> 33      | 19 <sup>0</sup> 33     | 19 <sup>0</sup> 25     | 17 <sup>0</sup> 41     | 20 <sup>0</sup> 27      | 20 <sup>0</sup> 37     | 19 <sup>0</sup> 47     | 16 <sup>0</sup> 59      | 19 <sup>0</sup> 75      | 21 <sup>0</sup> 88      |
| 31         | 20 <sup>0</sup> 97      | 20 <sup>0</sup> 33     | 18 <sup>0</sup> 50     | 18 <sup>0</sup> 59     | 21 <sup>0</sup> 53      | 21 <sup>0</sup> 10     | 20 <sup>0</sup> 00     | 17 <sup>0</sup> 96      | 19 <sup>0</sup> 75      | 20 <sup>0</sup> 50      |
| Średnia    | 20 <sup>0</sup> 13      | 19 <sup>0</sup> 20     | 21 <sup>0</sup> 06     | 18 <sup>0</sup> 14     | 20 <sup>0</sup> 45      | 17 <sup>0</sup> 92     | 18 <sup>0</sup> 93     | 16 <sup>0</sup> 02      | 19 <sup>0</sup> 30      | 20 <sup>0</sup> 73      |
| Max.<br>d. | 29 <sup>0</sup> 5<br>21 | 30 <sup>0</sup> 0<br>1 | 33 <sup>0</sup> 0<br>9 | 29 <sup>0</sup> 7<br>9 | 29 <sup>0</sup> 5<br>1  | 25 <sup>0</sup> 0<br>2 | 33 <sup>0</sup> 0<br>9 | 24 <sup>0</sup> 6<br>21 | 27 <sup>0</sup> 4<br>20 | 30 <sup>0</sup> 7<br>21 |
| Min.<br>d. | 13 <sup>0</sup> 2<br>3  | 12 <sup>0</sup> 0<br>4 | 11 <sup>0</sup> 5<br>4 | 9 <sup>0</sup> 0<br>4  | 11 <sup>0</sup> 3<br>13 | 8 <sup>0</sup> 0<br>3  | 8 <sup>0</sup> 5<br>5  | 7 <sup>0</sup> 5<br>3   | 10 <sup>0</sup> 9<br>5  | 13 <sup>0</sup> 0<br>3  |

**pnach Celsjusza,**  
**dziennie.**

| Ujście<br>Je-<br>zuick. | Kry-<br>nica       | Kola-<br>czyce     | Do-<br>brze-<br>chów | Stara-<br>wieś     | Ma-<br>niów        | Jaro-<br>sław      | Dro-<br>ho-<br>bycz | Lwów               | Stani-<br>sła-<br>wów | Zło-<br>czów       |
|-------------------------|--------------------|--------------------|----------------------|--------------------|--------------------|--------------------|---------------------|--------------------|-----------------------|--------------------|
| 8. 2. 8                 | 5. 2. 9            | 7. 2. 10           | 7. 2. 9              | 7. 2. 9            | 7. 1. 9            | 7. 1. 9            | 8. 2. 8             | 7. 2. 9            | 7. 2. 9               | 7. 2. 9            |
| 23 <sup>0</sup> 57      | 18 <sup>0</sup> 57 | 22 <sup>0</sup> 54 | 21 <sup>0</sup> 91   | 21 <sup>0</sup> 77 | 20 <sup>0</sup> 27 | 22 <sup>0</sup> 97 | 24 <sup>0</sup> 46  | 20 <sup>0</sup> 67 | 21 <sup>0</sup> 30    | 21 <sup>0</sup> 67 |
| 20 <sup>0</sup> 50      | 16 <sup>0</sup> 47 | 20 <sup>0</sup> 21 | 20 <sup>0</sup> 34   | 19 <sup>0</sup> 70 | 20 <sup>0</sup> 53 | 22 <sup>0</sup> 20 | 25 <sup>0</sup> 41  | 22 <sup>0</sup> 47 | 22 <sup>0</sup> 03    | 23 <sup>0</sup> 90 |
| 14 <sup>0</sup> 80      | 13 <sup>0</sup> 77 | 13 <sup>0</sup> 37 | 14 <sup>0</sup> 09   | 14 <sup>0</sup> 13 | 11 <sup>0</sup> 77 | 15 <sup>0</sup> 20 | 15 <sup>0</sup> 13  | 16 <sup>0</sup> 70 | 16 <sup>0</sup> 07    | 16 <sup>0</sup> 03 |
| 13 <sup>0</sup> 07      | 11 <sup>0</sup> 17 | 13 <sup>0</sup> 79 | 13 <sup>0</sup> 66   | 12 <sup>0</sup> 97 | 11 <sup>0</sup> 33 | 15 <sup>0</sup> 40 | 17 <sup>0</sup> 54  | 16 <sup>0</sup> 07 | 16 <sup>0</sup> 73    | 16 <sup>0</sup> 53 |
| 15 <sup>0</sup> 13      | 13 <sup>0</sup> 53 | 16 <sup>0</sup> 04 | 14 <sup>0</sup> 41   | 13 <sup>0</sup> 23 | 12 <sup>0</sup> 20 | 14 <sup>0</sup> 13 | 16 <sup>0</sup> 12  | 14 <sup>0</sup> 73 | 16 <sup>0</sup> 10    | 14 <sup>0</sup> 77 |
| 17 <sup>0</sup> 07      | 14 <sup>0</sup> 40 | 16 <sup>0</sup> 38 | 15 <sup>0</sup> 75   | 14 <sup>0</sup> 97 | 14 <sup>0</sup> 07 | 17 <sup>0</sup> 57 | 17 <sup>0</sup> 46  | 16 <sup>0</sup> 17 | 15 <sup>0</sup> 91    | 17 <sup>0</sup> 20 |
| 20 <sup>0</sup> 80      | 14 <sup>0</sup> 53 | 18 <sup>0</sup> 50 | 16 <sup>0</sup> 84   | 18 <sup>0</sup> 10 | 16 <sup>0</sup> 50 | 18 <sup>0</sup> 93 | 18 <sup>0</sup> 71  | 17 <sup>0</sup> 33 | 17 <sup>0</sup> 33    | 18 <sup>0</sup> 00 |
| 22 <sup>0</sup> 77      | 16 <sup>0</sup> 33 | 20 <sup>0</sup> 91 | 18 <sup>0</sup> 25   | 19 <sup>0</sup> 97 | 18 <sup>0</sup> 60 | 21 <sup>0</sup> 63 | 21 <sup>0</sup> 46  | 19 <sup>0</sup> 40 | 18 <sup>0</sup> 53    | 20 <sup>0</sup> 33 |
| 24 <sup>0</sup> 70      | 17 <sup>0</sup> 90 | 23 <sup>0</sup> 66 | 22 <sup>0</sup> 66   | 22 <sup>0</sup> 20 | 20 <sup>0</sup> 90 | 23 <sup>0</sup> 30 | 24 <sup>0</sup> 16  | 20 <sup>0</sup> 87 | 20 <sup>0</sup> 23    | 22 <sup>0</sup> 80 |
| 20 <sup>0</sup> 20      | 17 <sup>0</sup> 20 | 20 <sup>0</sup> 25 | 19 <sup>0</sup> 09   | 18 <sup>0</sup> 70 | 20 <sup>0</sup> 93 | 22 <sup>0</sup> 53 | 22 <sup>0</sup> 75  | 20 <sup>0</sup> 97 | 23 <sup>0</sup> 33    | 21 <sup>0</sup> 13 |
| 20 <sup>0</sup> 00      | 16 <sup>0</sup> 97 | 19 <sup>0</sup> 87 | 19 <sup>0</sup> 09   | 19 <sup>0</sup> 47 | 18 <sup>0</sup> 10 | 21 <sup>0</sup> 50 | 22 <sup>0</sup> 54  | 19 <sup>0</sup> 33 | 20 <sup>0</sup> 23    | 19 <sup>0</sup> 77 |
| 20 <sup>0</sup> 77      | 17 <sup>0</sup> 53 | 19 <sup>0</sup> 91 | 19 <sup>0</sup> 16   | 19 <sup>0</sup> 93 | 20 <sup>0</sup> 33 | 19 <sup>0</sup> 23 | 19 <sup>0</sup> 66  | 18 <sup>0</sup> 77 | 18 <sup>0</sup> 10    | 18 <sup>0</sup> 80 |
| 21 <sup>0</sup> 60      | 18 <sup>0</sup> 60 | 20 <sup>0</sup> 81 | 19 <sup>0</sup> 09   | 20 <sup>0</sup> 93 | 21 <sup>0</sup> 33 | 22 <sup>0</sup> 23 | 23 <sup>0</sup> 25  | 19 <sup>0</sup> 87 | 20 <sup>0</sup> 93    | 22 <sup>0</sup> 20 |
| 22 <sup>0</sup> 27      | 17 <sup>0</sup> 93 | 21 <sup>0</sup> 84 | 19 <sup>0</sup> 25   | 21 <sup>0</sup> 13 | 19 <sup>0</sup> 50 | 20 <sup>0</sup> 47 | 19 <sup>0</sup> 79  | 19 <sup>0</sup> 47 | 19 <sup>0</sup> 17    | 20 <sup>0</sup> 10 |
| 23 <sup>0</sup> 43      | 16 <sup>0</sup> 60 | 21 <sup>0</sup> 25 | 22 <sup>0</sup> 25   | 20 <sup>0</sup> 80 | 19 <sup>0</sup> 63 | 20 <sup>0</sup> 87 | 19 <sup>0</sup> 37  | 19 <sup>0</sup> 00 | 17 <sup>0</sup> 73    | 17 <sup>0</sup> 83 |
| 20 <sup>0</sup> 67      | 15 <sup>0</sup> 90 | 19 <sup>0</sup> 59 | 17 <sup>0</sup> 34   | 19 <sup>0</sup> 10 | 16 <sup>0</sup> 93 | 21 <sup>0</sup> 23 | 21 <sup>0</sup> 09  | 19 <sup>0</sup> 17 | 19 <sup>0</sup> 13    | 19 <sup>0</sup> 33 |
| 21 <sup>0</sup> 50      | 17 <sup>0</sup> 17 | 21 <sup>0</sup> 71 | 18 <sup>0</sup> 84   | 20 <sup>0</sup> 53 | 18 <sup>0</sup> 97 | 20 <sup>0</sup> 93 | 21 <sup>0</sup> 87  | 20 <sup>0</sup> 50 | 18 <sup>0</sup> 80    | 19 <sup>0</sup> 53 |
| 19 <sup>0</sup> 10      | 15 <sup>0</sup> 33 | 17 <sup>0</sup> 62 | 17 <sup>0</sup> 50   | 17 <sup>0</sup> 13 | 16 <sup>0</sup> 20 | 18 <sup>0</sup> 33 | 18 <sup>0</sup> 66  | 18 <sup>0</sup> 43 | 16 <sup>0</sup> 27    | 17 <sup>0</sup> 53 |
| 19 <sup>0</sup> 60      | 15 <sup>0</sup> 20 | 18 <sup>0</sup> 66 | 20 <sup>0</sup> 25   | 17 <sup>0</sup> 33 | 16 <sup>0</sup> 60 | 18 <sup>0</sup> 77 | 21 <sup>0</sup> 88  | 17 <sup>0</sup> 30 | 17 <sup>0</sup> 87    | 17 <sup>0</sup> 67 |
| 22 <sup>0</sup> 30      | 19 <sup>0</sup> 23 | 22 <sup>0</sup> 25 | 20 <sup>0</sup> 16   | 21 <sup>0</sup> 73 | 18 <sup>0</sup> 53 | 21 <sup>0</sup> 40 | 22 <sup>0</sup> 37  | 19 <sup>0</sup> 83 | 20 <sup>0</sup> 40    | 20 <sup>0</sup> 27 |
| 25 <sup>0</sup> 10      | 19 <sup>0</sup> 07 | 22 <sup>0</sup> 71 | 19 <sup>0</sup> 91   | 21 <sup>0</sup> 43 | 20 <sup>0</sup> 43 | 21 <sup>0</sup> 87 | 22 <sup>0</sup> 38  | 19 <sup>0</sup> 73 | 21 <sup>0</sup> 20    | 21 <sup>0</sup> 33 |
| 24 <sup>0</sup> 57      | 21 <sup>0</sup> 13 | 23 <sup>0</sup> 29 | 21 <sup>0</sup> 16   | 23 <sup>0</sup> 67 | 22 <sup>0</sup> 10 | 23 <sup>0</sup> 87 | 22 <sup>0</sup> 41  | 22 <sup>0</sup> 43 | 22 <sup>0</sup> 67    | 22 <sup>0</sup> 87 |
| 23 <sup>0</sup> 47      | 20 <sup>0</sup> 87 | —                  | 23 <sup>0</sup> 75   | 22 <sup>0</sup> 47 | 21 <sup>0</sup> 83 | 24 <sup>0</sup> 07 | 22 <sup>0</sup> 84  | 22 <sup>0</sup> 57 | 23 <sup>0</sup> 50    | 22 <sup>0</sup> 13 |
| 18 <sup>0</sup> 17      | 16 <sup>0</sup> 73 | 17 <sup>0</sup> 29 | 16 <sup>0</sup> 84   | 16 <sup>0</sup> 40 | 13 <sup>0</sup> 70 | 17 <sup>0</sup> 90 | 19 <sup>0</sup> 21  | 17 <sup>0</sup> 47 | 18 <sup>0</sup> 63    | 17 <sup>0</sup> 83 |
| 16 <sup>0</sup> 53      | 15 <sup>0</sup> 57 | 16 <sup>0</sup> 29 | 14 <sup>0</sup> 66   | 15 <sup>0</sup> 63 | 15 <sup>0</sup> 57 | 15 <sup>0</sup> 90 | 20 <sup>0</sup> 29  | 16 <sup>0</sup> 23 | 18 <sup>0</sup> 27    | 17 <sup>0</sup> 00 |
| 20 <sup>0</sup> 57      | 16 <sup>0</sup> 53 | 19 <sup>0</sup> 59 | 19 <sup>0</sup> 75   | 19 <sup>0</sup> 23 | 19 <sup>0</sup> 20 | 21 <sup>0</sup> 30 | 22 <sup>0</sup> 75  | 20 <sup>0</sup> 13 | 22 <sup>0</sup> 60    | 21 <sup>0</sup> 80 |
| 19 <sup>0</sup> 50      | 16 <sup>0</sup> 27 | 20 <sup>0</sup> 79 | 16 <sup>0</sup> 84   | 19 <sup>0</sup> 53 | 18 <sup>0</sup> 60 | 20 <sup>0</sup> 57 | 20 <sup>0</sup> 71  | 19 <sup>0</sup> 57 | 20 <sup>0</sup> 87    | 20 <sup>0</sup> 87 |
| 20 <sup>0</sup> 63      | 17 <sup>0</sup> 57 | 20 <sup>0</sup> 12 | 20 <sup>0</sup> 00   | 19 <sup>0</sup> 40 | 16 <sup>0</sup> 57 | 19 <sup>0</sup> 60 | 21 <sup>0</sup> 04  | 19 <sup>0</sup> 33 | 19 <sup>0</sup> 33    | 18 <sup>0</sup> 03 |
| 23 <sup>0</sup> 13      | 17 <sup>0</sup> 83 | 22 <sup>0</sup> 38 | 21 <sup>0</sup> 75   | 22 <sup>0</sup> 00 | 17 <sup>0</sup> 90 | 21 <sup>0</sup> 60 | 24 <sup>0</sup> 79  | 21 <sup>0</sup> 23 | 21 <sup>0</sup> 23    | 24 <sup>0</sup> 07 |
| 20 <sup>0</sup> 57      | 18 <sup>0</sup> 13 | 21 <sup>0</sup> 29 | 20 <sup>0</sup> 41   | 19 <sup>0</sup> 87 | 18 <sup>0</sup> 90 | 22 <sup>0</sup> 00 | 22 <sup>0</sup> 29  | 20 <sup>0</sup> 27 | 21 <sup>0</sup> 90    | 20 <sup>0</sup> 77 |
| 21 <sup>0</sup> 83      | 19 <sup>0</sup> 17 | 21 <sup>0</sup> 75 | 22 <sup>0</sup> 25   | 22 <sup>0</sup> 93 | 22 <sup>0</sup> 03 | 21 <sup>0</sup> 30 | 23 <sup>0</sup> 84  | 21 <sup>0</sup> 93 | 21 <sup>0</sup> 33    | 22 <sup>0</sup> 17 |
| 20 <sup>0</sup> 58      | 16 <sup>0</sup> 89 | 19 <sup>0</sup> 82 | 18 <sup>0</sup> 94   | 19 <sup>0</sup> 24 | 18 <sup>0</sup> 07 | 20 <sup>0</sup> 22 | 21 <sup>0</sup> 17  | 19 <sup>0</sup> 29 | 19 <sup>0</sup> 60    | 19 <sup>0</sup> 81 |
| 31 <sup>0</sup> 8       | 25 <sup>0</sup> 2  | 29 <sup>0</sup> 4  | 28 <sup>0</sup> 0    | 33 <sup>0</sup> 4  | 28 <sup>0</sup> 2  | 27 <sup>0</sup> 6  | 28 <sup>0</sup> 9   | 27 <sup>0</sup> 6  | 29 <sup>0</sup> 8     | 29 <sup>0</sup> 8  |
| 9                       | 22 i 29            | 9                  | 9 i 29               | 9                  | 31                 | 16                 | 2                   | 31                 | 23 i 29               | 31                 |
| 11 <sup>0</sup> 7       | 8 <sup>0</sup> 2   | 10 <sup>0</sup> 6  | 7 <sup>0</sup> 7     | 6 <sup>0</sup> 5   | 7 <sup>0</sup> 8   | 12 <sup>0</sup> 1  | 13 <sup>0</sup> 4   | 13 <sup>0</sup> 8  | 12 <sup>0</sup> 0     | 10 <sup>0</sup> 2  |
| 4                       | 7                  | 4                  | 6                    | 5                  | 6                  | 5                  | 5                   | 5                  | 16                    | 5                  |



**Ciepłota w sto-**  
**Średnie**

Sierpień 1876.

Wrzesień 1877 roku.

| Dzień      | Brze-<br>żany | Koło-<br>myja | Tarno-<br>pol | Czort-<br>ków | Biels-<br>ko | Ży-<br>wiec | Sucha      | Czer-<br>ni-<br>chów | Zako-<br>pane | Kra-<br>ków |
|------------|---------------|---------------|---------------|---------------|--------------|-------------|------------|----------------------|---------------|-------------|
|            | 7. 2. 7       | 7. 2. 10      | 7. 2. 9       | 8. 2. 9       | 8. 2. 8      | 7. 2. 9     | 6. 2. 10   | 7. 2. 7              | 8. 2. 8       | 6. 2. 10    |
| 1          | 23°03         | —             | 20°60         | 22°37         | 17°70        | 17°00       | 16°71      | 17°87                | 13°93         | 17°00       |
| 2          | 23°40         | —             | 21°87         | 23°84         | 13°27        | 12°07       | 12°54      | 13°97                | —             | 13°47       |
| 3          | 18°87         | —             | 16°97         | 18°91         | 13°60        | 11°93       | 13°50      | 14°50                | 11°00         | 13°93       |
| 4          | 17°40         | —             | 15°77         | 17°00         | 12°50        | 11°80       | 10°00      | 12°17                | 9°47          | 11°47       |
| 5          | 15°73         | —             | 14°83         | 15°13         | 10°67        | 10°40       | 11°00      | 12°57                | 8°13          | 11°33       |
| 6          | 16°47         | 17°90         | 16°10         | 16°87         | 12°23        | 10°53       | 10°41      | 13°23                | 11°07         | 11°93       |
| 7          | 18°40         | 18°37         | 17°33         | 18°38         | 15°33        | 14°40       | 14°66      | 14°50                | 12°07         | 12°12       |
| 8          | 20°13         | 21°93         | 19°80         | 22°04         | 10°47        | 10°13       | 12°25      | 13°03                | 11°13         | 10°10       |
| 9          | 22°17         | 22°57         | 20°80         | 23°91         | 10°63        | 8°73        | 6°91       | 11°17                | 8°60          | 9°40        |
| 10         | 22°93         | 21°27         | 20°23         | 23°12         | 12°50        | 8°87        | 8°71       | 11°30                | 10°00         | 9°83        |
| 11         | 20°80         | 23°00         | 18°93         | 21°91         | 12°03        | 10°60       | 8°91       | 12°47                | 11°37         | 10°37       |
| 12         | 20°17         | 20°37         | 17°90         | 20°21         | 13°93        | 12°47       | 11°25      | 13°20                | 13°40         | 11°47       |
| 13         | 21°73         | 20°03         | 20°47         | 22°75         | 14°97        | 13°33       | 11°25      | 13°90                | 16°60         | 13°27       |
| 14         | 20°87         | 19°40         | 18°20         | 21°04         | 16°90        | 15°93       | 15°84      | 15°97                | 13°47         | 16°00       |
| 15         | 19°27         | 16°43         | 18°67         | 18°66         | 18°67        | 17°93       | 17°46      | 18°00                | 17°93         | 17°60       |
| 16         | 19°27         | 17°23         | 17°17         | 18°71         | 13°97        | 14°07       | 12°75      | 17°53                | 11°17         | 13°27       |
| 17         | 20°30         | 19°53         | 19°33         | 21°13         | 10°70        | 10°07       | 10°37      | 12°27                | 7°63          | 11°07       |
| 18         | 18°07         | 17°33         | 16°20         | 16°06         | 5°30         | 6°53        | 5°50       | 6°93                 | —             | 6°27        |
| 19         | 17°60         | 16°87         | 16°67         | 18°46         | 8°87         | 8°07        | 8°84       | 9°43                 | 4°67          | 8°67        |
| 20         | 18°73         | 20°30         | 19°07         | 21°04         | 10°50        | 9°47        | 9°79       | 11°40                | 9°73          | 10°67       |
| 21         | 20°53         | 20°53         | 17°93         | 19°96         | 13°30        | 11°13       | 12°00      | 12°83                | —             | 11°87       |
| 22         | 22°53         | 23°10         | 22°03         | 24°87         | 7°00         | 7°67        | 6°34       | 8°47                 | 4°53          | 8°07        |
| 23         | 23°70         | 26°23         | 22°67         | 24°63         | 11°10        | 7°53        | 6°00       | 8°60                 | 5°13          | 7°27        |
| 24         | 18°30         | 22°17         | 18°00         | 18°90         | 9°60         | 8°27        | 6°41       | 9°60                 | 5°73          | 7°20        |
| 25         | 18°53         | 19°90         | 16°13         | 18°66         | 5°67         | 6°07        | 5°25       | 5°73                 | 6°07          | 6°27        |
| 26         | 21°67         | —             | 21°27         | 22°96         | 5°17         | 4°13        | 4°66       | 6°23                 | 0°40          | 6°07        |
| 27         | 19°57         | 21°50         | 20°40         | 21°59         | 5°57         | 4°13        | 3°75       | 6°80                 | 0°27          | 5°80        |
| 28         | 19°30         | 19°10         | 18°37         | 19°09         | 8°80         | 6°40        | 7°41       | 8°50                 | —             | 8°13        |
| 29         | 22°40         | 21°27         | 21°50         | 22°91         | 9°80         | 9°53        | 9°25       | 10°87                | —             | 9°93        |
| 30         | 20°53         | 22°63         | 20°20         | 21°75         | 10°40        | 7°80        | 8°50       | 10°93                | 6°57          | 10°13       |
| 31         | 23°70         | 24°23         | 20°77         | 24°50         | —            | —           | —          | —                    | —             | —           |
| Średnia    | 20°20         | 20°53         | 18°91         | 20°71         | 11°37        | 10°23       | 9°94       | 11°82                | 9°17          | 10°67       |
| Max.<br>d. | 29°8<br>31    | 32°5<br>23    | 29°3<br>8     | 30°7<br>31    | 21°3<br>15   | 21°8<br>15  | 23°4<br>15 | 22°0<br>15           | 20°2<br>15    | 23°7<br>15  |
| Min.<br>d. | 12°8<br>7     | 11°3<br>15    | 8°5<br>16     | 12°5<br>5     | 2°9<br>26    | 1°8<br>28   | 0°5<br>27  | 2°6<br>25            | —1°0<br>26    | 0°8<br>24   |

**pnich Celsiusza.**  
**dzienne.**

| Poronin    | Jodłownik  | Bochnia    | Ujście Je-<br>zuick. | Krynica    | Tarnów                 | Koła-<br>czyce | Do-<br>brzechów | Stara-<br>wieś | Ma-<br>niów     | Jaro-<br>sław  |
|------------|------------|------------|----------------------|------------|------------------------|----------------|-----------------|----------------|-----------------|----------------|
| 7. 2. 9    | 7. 2. 9    | 7. 1. 9    | 8. 2. 8              | 6. 2. 9    | 7. 2. 10               | 7. 2. 10       | 7. 2. 9         | 7. 2. 9        | 7. 1. 9         | 7. 1. 9        |
| 14°41      | 16°87      | 17°59      | 17°60                | 16°13      | —                      | 17°84          | 17°75           | 17°10          | 14°80           | 9°07           |
| 11°41      | 13°13      | 14°41      | 13°60                | 11°83      | —                      | 13°62          | 10°66           | 11°63          | 11°63           | 13°83          |
| 11°38      | 13°12      | 14°09      | 13°50                | 13°50      | —                      | 13°84          | 13°41           | 13°27          | 11°30           | 13°50          |
| 9°00       | 12°96      | 13°84      | 12°13                | 10°53      | —                      | —              | 12°41           | 12°43          | 12°17           | 10°37          |
| 8°46       | 10°91      | 12°25      | 11°90                | 11°90      | —                      | —              | 11°09           | 11°20          | 8°83            | 12°20          |
| 9°09       | 11°63      | 14°00      | 13°10                | 8°67       | —                      | —              | 9°91            | 11°00          | 8°40            | 13°27          |
| 9°34       | 12°79      | 14°50      | 14°57                | 10°60      | —                      | —              | 12°16           | 13°07          | 11°27           | 12°97          |
| —          | 11°46      | 12°00      | 11°73                | 10°40      | —                      | 11°62          | 9°91            | 11°93          | 11°63           | 14°47          |
| 6°84       | 9°50       | 10°66      | 11°70                | 11°10      | 11°75                  | 9°50           | 9°25            | 9°10           | 7°77            | 11°57          |
| 7°71       | 8°62       | 11°00      | 13°40                | 10°93      | 12°96                  | 10°00          | 8°59            | 8°70           | 8°60            | 12°33          |
| 6°71       | 9°59       | 12°09      | 12°37                | 9°13       | 12°50                  | 10°63          | 8°91            | 10°37          | 9°07            | 11°33          |
| 8°37       | 11°71      | 14°50      | 13°77                | 10°60      | 14°12                  | 11°54          | 9°91            | 10°53          | 8°70            | 12°90          |
| 11°63      | 14°71      | 16°59      | 15°27                | 13°87      | 16°41                  | 15°21          | 14°59           | 14°07          | 13°10           | 12°20          |
| 13°66      | 16°00      | 17°75      | 16°73                | 16°00      | 17°34                  | 15°91          | 15°16           | 15°37          | 15°33           | 16°33          |
| 15°37      | 17°84      | 18°75      | 17°70                | 16°83      | 16°84                  | 16°96          | 16°00           | 16°67          | 15°40           | 16°07          |
| 11°54      | 13°29      | 14°59      | 14°40                | 14°93      | 18°16                  | 13°75          | 14°25           | 14°60          | 13°03           | 15°43          |
| —          | 11°00      | 12°25      | 11°27                | 11°83      | 12°41                  | 13°25          | 9°84            | 10°83          | 8°77            | 11°43          |
| 3°79       | 5°12       | 6°25       | 6°00                 | 6°77       | 7°34                   | 5°54           | 5°75            | 6°20           | 4°43            | 6°53           |
| 5°50       | 8°71       | 9°16       | 9°13                 | 8°43       | 10°41                  | 9°66           | 8°91            | 8°60           | 5°97            | 7°37           |
| 7°79       | 10°13      | 8°84       | 11°07                | 8°97       | 11°84                  | 9°79           | 10°25           | 9°63           | 7°13            | 10°33          |
| 9°79       | 12°34      | 8°62       | 12°83                | 11°00      | 13°91                  | 13°21          | 12°59           | 12°63          | 10°20           | 13°10          |
| 5°04       | 6°63       | 8°25       | 8°00                 | 7°27       | 9°66                   | 7°37           | 6°91            | 6°90           | 6°47            | 8°20           |
| 4°04       | 6°79       | 8°96       | 8°43                 | 6°87       | 9°66                   | 6°75           | 6°84            | 6°40           | 3°43            | 7°17           |
| 4°16       | 8°66       | 10°75      | 9°23                 | 6°27       | 10°96                  | 7°09           | 5°84            | 7°47           | 5°33            | 8°30           |
| 5°16       | 6°21       | 6°66       | 8°10                 | 7°43       | 7°75                   | 7°91           | 7°34            | 7°20           | 7°73            | 9°10           |
| 2°34       | 5°00       | 7°54       | 7°47                 | 3°90       | 8°25                   | 5°34           | 5°25            | 5°13           | 3°00            | 5°70           |
| 2°12       | 5°09       | 6°50       | 6°77                 | 1°93       | 8°00                   | —              | 4°00            | 4°70           | 0°10            | 6°00           |
| 5°54       | 7°84       | 8°46       | 9°40                 | 6°13       | 11°16                  | 8°54           | 8°50            | 7°63           | 3°83            | 9°33           |
| 6°38       | 9°09       | 11°16      | 9°60                 | 8°63       | 11°84                  | 12°91          | 10°75           | 9°47           | 7°93            | 10°33          |
| 6°54       | 9°34       | 10°75      | 10°13                | 7°50       | 11°91                  | 10°00          | 9°75            | 9°47           | 6°93            | 10°13          |
| 7°97       | 10°54      | 11°76      | 11°70                | 10°00      | 12°05                  | 11°11          | 10°22           | 10°44          | 8°74            | 11°04          |
| 19°7<br>15 | 21°7<br>15 | 25°0<br>15 | 22°2<br>12           | 20°4<br>15 | 20°5<br>13, 14<br>i 16 | 21°7<br>15     | 23°7<br>1       | 24°5<br>6      | 20°0<br>14 i 16 | 19°4<br>14     |
| —0°3<br>27 | 2°1<br>27  | 3°7<br>25  | 3°8<br>25            | —4°0<br>27 | 5°5<br>27              | 2°0<br>27      | —0°5<br>24      | 0°3<br>28      | —3°1<br>27      | 3°8<br>24 i 27 |



**Ciepłota w sto-**  
**Średnie**  
**Wrzesień 1877 r.**  
**Październik**

| Dzień      | Dro-<br>ho-<br>bycz   | Lwów                 | Stani-<br>sław-<br>ów | Zło-<br>czów                   | Brze-<br>żany        | Koło-<br>myja        | Tarno-<br>pol            | Czort-<br>ków        | Biłł-<br>sko          | Ży-<br>wiec           |
|------------|-----------------------|----------------------|-----------------------|--------------------------------|----------------------|----------------------|--------------------------|----------------------|-----------------------|-----------------------|
|            | 8. 2. 8               | 7. 2. 9              | 7. 2. 9               | 7. 2. 9                        | 7. 2. 7              | 7. 2. 10             | 7. 2. 9                  | 8. 2. 9              | 8. 2. 8               | 7. 2. 9               |
| 1          | 18 <sup>0</sup> 59    | 17 <sup>0</sup> 97   | 17 <sup>0</sup> 73    | 18 <sup>0</sup> 87             | 18 <sup>0</sup> 07   | 20 <sup>0</sup> 63   | 18 <sup>0</sup> 10       | 21 <sup>0</sup> 16   | 10 <sup>0</sup> 07    | 9 <sup>0</sup> 67     |
| 2          | 16 <sup>0</sup> 41    | 15 <sup>0</sup> 67   | 15 <sup>0</sup> 70    | 15 <sup>0</sup> 10             | 16 <sup>0</sup> 73   | 17 <sup>0</sup> 50   | 15 <sup>0</sup> 53       | 16 <sup>0</sup> 79   | 9 <sup>0</sup> 13     | 8 <sup>0</sup> 33     |
| 3          | 13 <sup>0</sup> 59    | 13 <sup>0</sup> 67   | 15 <sup>0</sup> 63    | 13 <sup>0</sup> 33             | 15 <sup>0</sup> 73   | 17 <sup>0</sup> 37   | 13 <sup>0</sup> 80       | 15 <sup>0</sup> 09   | 10 <sup>0</sup> 17    | 10 <sup>0</sup> 07    |
| 4          | 15 <sup>0</sup> 84    | 15 <sup>0</sup> 57   | 15 <sup>0</sup> 87    | 15 <sup>0</sup> 30             | 17 <sup>0</sup> 33   | 17 <sup>0</sup> 20   | 15 <sup>0</sup> 27       | 16 <sup>0</sup> 62   | 7 <sup>0</sup> 23     | 7 <sup>0</sup> 87     |
| 5          | 10 <sup>0</sup> 50    | 12 <sup>0</sup> 87   | 12 <sup>0</sup> 00    | 11 <sup>0</sup> 99             | 11 <sup>0</sup> 99   | 15 <sup>0</sup> 33   | 11 <sup>0</sup> 83       | 12 <sup>0</sup> 34   | 6 <sup>0</sup> 27     | 5 <sup>0</sup> 60     |
| 6          | 12 <sup>0</sup> 75    | 11 <sup>0</sup> 10   | 11 <sup>0</sup> 53    | 10 <sup>0</sup> 40             | 13 <sup>0</sup> 10   | 13 <sup>0</sup> 37   | 11 <sup>0</sup> 87       | 11 <sup>0</sup> 16   | 2 <sup>0</sup> 07     | 1 <sup>0</sup> 13     |
| 7          | 15 <sup>0</sup> 34    | 12 <sup>0</sup> 97   | 12 <sup>0</sup> 50    | 14 <sup>0</sup> 33             | 13 <sup>0</sup> 70   | 12 <sup>0</sup> 87   | 12 <sup>0</sup> 43       | 13 <sup>0</sup> 25   | 1 <sup>0</sup> 90     | 3 <sup>0</sup> 07     |
| 8          | 14 <sup>0</sup> 71    | 13 <sup>0</sup> 97   | 13 <sup>0</sup> 40    | 14 <sup>0</sup> 27             | 14 <sup>0</sup> 27   | —                    | 13 <sup>0</sup> 77       | 15 <sup>0</sup> 09   | 5 <sup>0</sup> 93     | 5 <sup>0</sup> 07     |
| 9          | 11 <sup>0</sup> 71    | 10 <sup>0</sup> 43   | 10 <sup>0</sup> 70    | 11 <sup>0</sup> 10             | 11 <sup>0</sup> 20   | —                    | 9 <sup>0</sup> 93        | 11 <sup>0</sup> 46   | 4 <sup>0</sup> 37     | 4 <sup>0</sup> 47     |
| 10         | 12 <sup>0</sup> 04    | 10 <sup>0</sup> 27   | 11 <sup>0</sup> 73    | 10 <sup>0</sup> 03             | 12 <sup>0</sup> 80   | 12 <sup>0</sup> 20   | 10 <sup>0</sup> 40       | 11 <sup>0</sup> 21   | 5 <sup>0</sup> 33     | 4 <sup>0</sup> 93     |
| 11         | 11 <sup>0</sup> 37    | 9 <sup>0</sup> 73    | 11 <sup>0</sup> 87    | 11 <sup>0</sup> 50             | 10 <sup>0</sup> 50   | 13 <sup>0</sup> 27   | 10 <sup>0</sup> 67       | 12 <sup>0</sup> 23   | 4 <sup>0</sup> 67     | 5 <sup>0</sup> 47     |
| 12         | 12 <sup>0</sup> 29    | 11 <sup>0</sup> 57   | 11 <sup>0</sup> 47    | 10 <sup>0</sup> 33             | 10 <sup>0</sup> 90   | 12 <sup>0</sup> 13   | 10 <sup>0</sup> 20       | 10 <sup>0</sup> 75   | 7 <sup>0</sup> 50     | 7 <sup>0</sup> 20     |
| 13         | 16 <sup>0</sup> 62    | 14 <sup>0</sup> 03   | 15 <sup>0</sup> 20    | 15 <sup>0</sup> 67             | 14 <sup>0</sup> 13   | —                    | 12 <sup>0</sup> 77       | 12 <sup>0</sup> 79   | 7 <sup>0</sup> 50     | 6 <sup>0</sup> 30     |
| 14         | 16 <sup>0</sup> 96    | 15 <sup>0</sup> 57   | 16 <sup>0</sup> 53    | 15 <sup>0</sup> 47             | 16 <sup>0</sup> 00   | 16 <sup>0</sup> 10   | 15 <sup>0</sup> 33       | 16 <sup>0</sup> 46   | 15 <sup>0</sup> 30    | 12 <sup>0</sup> 53    |
| 15         | 17 <sup>0</sup> 29    | 15 <sup>0</sup> 47   | 15 <sup>0</sup> 97    | 15 <sup>0</sup> 27             | 14 <sup>0</sup> 97   | 15 <sup>0</sup> 77   | 15 <sup>0</sup> 20       | 15 <sup>0</sup> 88   | 14 <sup>0</sup> 23    | 15 <sup>0</sup> 03    |
| 16         | 17 <sup>0</sup> 79    | 14 <sup>0</sup> 83   | 16 <sup>0</sup> 03    | 17 <sup>0</sup> 17             | 15 <sup>0</sup> 83   | 17 <sup>0</sup> 23   | 15 <sup>0</sup> 70       | 17 <sup>0</sup> 25   | 9 <sup>0</sup> 23     | 7 <sup>0</sup> 13     |
| 17         | 12 <sup>0</sup> 12    | 11 <sup>0</sup> 07   | 13 <sup>0</sup> 03    | 11 <sup>0</sup> 67             | 11 <sup>0</sup> 80   | 15 <sup>0</sup> 17   | 11 <sup>0</sup> 80       | 13 <sup>0</sup> 04   | 4 <sup>0</sup> 00     | 4 <sup>0</sup> 33     |
| 18         | 7 <sup>0</sup> 25     | 7 <sup>0</sup> 30    | 7 <sup>0</sup> 37     | 6 <sup>0</sup> 73              | 7 <sup>0</sup> 53    | 10 <sup>0</sup> 27   | 7 <sup>0</sup> 10        | 8 <sup>0</sup> 00    | 2 <sup>0</sup> 83     | 2 <sup>0</sup> 33     |
| 19         | 9 <sup>0</sup> 29     | 8 <sup>0</sup> 07    | 6 <sup>0</sup> 43     | 7 <sup>0</sup> 77              | 7 <sup>0</sup> 57    | 8 <sup>0</sup> 33    | 6 <sup>0</sup> 73        | 7 <sup>0</sup> 41    | 3 <sup>0</sup> 63     | 2 <sup>0</sup> 47     |
| 20         | 9 <sup>0</sup> 71     | 9 <sup>0</sup> 77    | 9 <sup>0</sup> 23     | 8 <sup>0</sup> 83              | 9 <sup>0</sup> 87    | 9 <sup>0</sup> 13    | 8 <sup>0</sup> 50        | 9 <sup>0</sup> 12    | 5 <sup>0</sup> 23     | 5 <sup>0</sup> 00     |
| 21         | 14 <sup>0</sup> 41    | 11 <sup>0</sup> 83   | 11 <sup>0</sup> 30    | 11 <sup>0</sup> 10             | 11 <sup>0</sup> 10   | 12 <sup>0</sup> 33   | 10 <sup>0</sup> 57       | 11 <sup>0</sup> 63   | 6 <sup>0</sup> 43     | 7 <sup>0</sup> 20     |
| 22         | 7 <sup>0</sup> 54     | 8 <sup>0</sup> 70    | 9 <sup>0</sup> 57     | 9 <sup>0</sup> 07              | 8 <sup>0</sup> 27    | 13 <sup>0</sup> 57   | 9 <sup>0</sup> 70        | 10 <sup>0</sup> 66   | 11 <sup>0</sup> 43    | 9 <sup>0</sup> 20     |
| 23         | 5 <sup>0</sup> 46     | 6 <sup>0</sup> 60    | 7 <sup>0</sup> 10     | 6 <sup>0</sup> 63              | 7 <sup>0</sup> 63    | 9 <sup>0</sup> 77    | 7 <sup>0</sup> 23        | 7 <sup>0</sup> 25    | 10 <sup>0</sup> 47    | 11 <sup>0</sup> 47    |
| 24         | 9 <sup>0</sup> 25     | 7 <sup>0</sup> 87    | 8 <sup>0</sup> 90     | 7 <sup>0</sup> 90              | 9 <sup>0</sup> 43    | 11 <sup>0</sup> 60   | 8 <sup>0</sup> 13        | 8 <sup>0</sup> 51    | 12 <sup>0</sup> 63    | 11 <sup>0</sup> 87    |
| 25         | 9 <sup>0</sup> 34     | 8 <sup>0</sup> 63    | 7 <sup>0</sup> 70     | 7 <sup>0</sup> 83              | 7 <sup>0</sup> 97    | 9 <sup>0</sup> 60    | 7 <sup>0</sup> 53        | 8 <sup>0</sup> 84    | 8 <sup>0</sup> 80     | 7 <sup>0</sup> 13     |
| 26         | 5 <sup>0</sup> 96     | 6 <sup>0</sup> 67    | 4 <sup>0</sup> 33     | 4 <sup>0</sup> 90              | 5 <sup>0</sup> 40    | 7 <sup>0</sup> 10    | 5 <sup>0</sup> 53        | 5 <sup>0</sup> 50    | 11 <sup>0</sup> 97    | 10 <sup>0</sup> 53    |
| 27         | 6 <sup>0</sup> 21     | 6 <sup>0</sup> 23    | 5 <sup>0</sup> 93     | 5 <sup>0</sup> 63              | 5 <sup>0</sup> 87    | 8 <sup>0</sup> 17    | 5 <sup>0</sup> 17        | 5 <sup>0</sup> 75    | 7 <sup>0</sup> 33     | 7 <sup>0</sup> 47     |
| 28         | 8 <sup>0</sup> 09     | 7 <sup>0</sup> 73    | 6 <sup>0</sup> 63     | 7 <sup>0</sup> 23              | 6 <sup>0</sup> 80    | 7 <sup>0</sup> 57    | 7 <sup>0</sup> 00        | 6 <sup>0</sup> 62    | 6 <sup>0</sup> 20     | 4 <sup>0</sup> 13     |
| 29         | 10 <sup>0</sup> 59    | 8 <sup>0</sup> 90    | 9 <sup>0</sup> 43     | 8 <sup>0</sup> 93              | 10 <sup>0</sup> 40   | 10 <sup>0</sup> 03   | 9 <sup>0</sup> 70        | 9 <sup>0</sup> 41    | 5 <sup>0</sup> 40     | 4 <sup>0</sup> 00     |
| 30         | 10 <sup>0</sup> 00    | 9 <sup>0</sup> 53    | 9 <sup>0</sup> 83     | 8 <sup>0</sup> 60              | 10 <sup>0</sup> 33   | 10 <sup>0</sup> 13   | 9 <sup>0</sup> 53        | 10 <sup>0</sup> 50   | 6 <sup>0</sup> 53     | 5 <sup>0</sup> 93     |
| 31         |                       |                      |                       |                                |                      |                      |                          |                      | 9 <sup>0</sup> 83     | 8 <sup>0</sup> 07     |
| Średnia    | 11 <sup>0</sup> 97    | 11 <sup>0</sup> 15   | 11 <sup>0</sup> 33    | 11 <sup>0</sup> 10             | 11 <sup>0</sup> 57   | 12 <sup>0</sup> 73   | 10 <sup>0</sup> 90       | 11 <sup>0</sup> 73   | 7 <sup>0</sup> 54     | 6 <sup>0</sup> 94     |
| Max.<br>d. | 21 <sup>0</sup><br>16 | 19 <sup>0</sup><br>2 | 23 <sup>0</sup><br>13 | 23 <sup>0</sup><br>8           | 20 <sup>0</sup><br>4 | 22 <sup>0</sup><br>1 | 24 <sup>0</sup><br>1     | 23 <sup>0</sup><br>8 | 19 <sup>0</sup><br>15 | 20 <sup>0</sup><br>15 |
| Min.<br>d. | 3 <sup>0</sup><br>27  | 4 <sup>0</sup><br>19 | 2 <sup>0</sup><br>28  | 4 <sup>0</sup><br>24, 26<br>17 | 4 <sup>0</sup><br>27 | 3 <sup>0</sup><br>20 | 2 <sup>0</sup><br>19, 27 | 3 <sup>0</sup><br>27 | —1 <sup>0</sup><br>7  | —1 <sup>0</sup><br>7  |

**pnia Celsusza.**  
**dziennie.**  
**1877 roku.**

| Wado-<br>wice           | Sucha                 | Czer-<br>ni-<br>chów  | Zako-<br>pane         | Kra-<br>ków           | Por-<br>nin           | Jodł-<br>ownik        | Boch-<br>nia          | Nowy<br>Sącz          | Ujście<br>Je-<br>zick. | Kry-<br>nica          |
|-------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|
| 6. 2. 9                 | 6. 2. 10              | 7. 2. 7               | 8. 2. 8               | 6. 2. 10              | 7. 2. 9               | 7. 2. 9               | 7. 1. 9               | 7. 1. 9               | 8. 2. 8                | 6. 2. 9               |
| 10 <sup>0</sup> 41      | 7 <sup>0</sup> 09     | 10 <sup>0</sup> 03    | 7 <sup>0</sup> 60     | 8 <sup>0</sup> 73     | 6 <sup>0</sup> 25     | 7 <sup>0</sup> 21     | 8 <sup>0</sup> 41     | 8 <sup>0</sup> 73     | 10 <sup>0</sup> 00     | 7 <sup>0</sup> 10     |
| 9 <sup>0</sup> 34       | 7 <sup>0</sup> 37     | 8 <sup>0</sup> 33     | 5 <sup>0</sup> 93     | 8 <sup>0</sup> 30     | 6 <sup>0</sup> 37     | 9 <sup>0</sup> 16     | 9 <sup>0</sup> 59     | 9 <sup>0</sup> 63     | 10 <sup>0</sup> 17     | 7 <sup>0</sup> 83     |
| 9 <sup>0</sup> 66       | 8 <sup>0</sup> 96     | 10 <sup>0</sup> 20    | 7 <sup>0</sup> 07     | 10 <sup>0</sup> 00    | 8 <sup>0</sup> 00     | 9 <sup>0</sup> 59     | 11 <sup>0</sup> 21    | 11 <sup>0</sup> 37    | 10 <sup>0</sup> 17     | 9 <sup>0</sup> 10     |
| 8 <sup>0</sup> 66       | 7 <sup>0</sup> 16     | 9 <sup>0</sup> 70     | —                     | 8 <sup>0</sup> 07     | 7 <sup>0</sup> 00     | 7 <sup>0</sup> 41     | 8 <sup>0</sup> 29     | 7 <sup>0</sup> 63     | 8 <sup>0</sup> 37      | 7 <sup>0</sup> 13     |
| 7 <sup>0</sup> 50       | 6 <sup>0</sup> 04     | 7 <sup>0</sup> 63     | 3 <sup>0</sup> 80     | 6 <sup>0</sup> 80     | 4 <sup>0</sup> 29     | 6 <sup>0</sup> 16     | 5 <sup>0</sup> 00     | 6 <sup>0</sup> 20     | 6 <sup>0</sup> 87      | 4 <sup>0</sup> 87     |
| 1 <sup>0</sup> 91       | 1 <sup>0</sup> 63     | 2 <sup>0</sup> 80     | —0 <sup>0</sup> 13    | 2 <sup>0</sup> 33     | —0 <sup>0</sup> 16    | 1 <sup>0</sup> 71     | 2 <sup>0</sup> 66     | 1 <sup>0</sup> 80     | 1 <sup>0</sup> 76      | 1 <sup>0</sup> 03     |
| 3 <sup>0</sup> 75       | 2 <sup>0</sup> 21     | 2 <sup>0</sup> 57     | —0 <sup>0</sup> 67    | 2 <sup>0</sup> 53     | —                     | 1 <sup>0</sup> 25     | 2 <sup>0</sup> 34     | 2 <sup>0</sup> 77     | 4 <sup>0</sup> 57      | 1 <sup>0</sup> 53     |
| 6 <sup>0</sup> 59       | 4 <sup>0</sup> 62     | 4 <sup>0</sup> 87     | —                     | 4 <sup>0</sup> 40     | 2 <sup>0</sup> 04     | 5 <sup>0</sup> 34     | 6 <sup>0</sup> 84     | 4 <sup>0</sup> 20     | 5 <sup>0</sup> 40      | 3 <sup>0</sup> 00     |
| 5 <sup>0</sup> 34       | 4 <sup>0</sup> 13     | 5 <sup>0</sup> 50     | 1 <sup>0</sup> 37     | 5 <sup>0</sup> 40     | 1 <sup>0</sup> 84     | 4 <sup>0</sup> 62     | 5 <sup>0</sup> 59     | 4 <sup>0</sup> 67     | 5 <sup>0</sup> 70      | 2 <sup>0</sup> 97     |
| 6 <sup>0</sup> 50       | 5 <sup>0</sup> 09     | 6 <sup>0</sup> 73     | 1 <sup>0</sup> 53     | 6 <sup>0</sup> 07     | 2 <sup>0</sup> 54     | 4 <sup>0</sup> 88     | 6 <sup>0</sup> 21     | 5 <sup>0</sup> 30     | 6 <sup>0</sup> 10      | 3 <sup>0</sup> 83     |
| 6 <sup>0</sup> 34       | 3 <sup>0</sup> 91     | 5 <sup>0</sup> 60     | 1 <sup>0</sup> 53     | 4 <sup>0</sup> 67     | 2 <sup>0</sup> 29     | 4 <sup>0</sup> 16     | 5 <sup>0</sup> 75     | 4 <sup>0</sup> 70     | 6 <sup>0</sup> 33      | 3 <sup>0</sup> 20     |
| 7 <sup>0</sup> 25       | 5 <sup>0</sup> 09     | 7 <sup>0</sup> 80     | 2 <sup>0</sup> 33     | 7 <sup>0</sup> 47     | 4 <sup>0</sup> 29     | 6 <sup>0</sup> 87     | 8 <sup>0</sup> 34     | 4 <sup>0</sup> 93     | 7 <sup>0</sup> 50      | 4 <sup>0</sup> 17     |
| 7 <sup>0</sup> 00       | 5 <sup>0</sup> 87     | 6 <sup>0</sup> 17     | 0 <sup>0</sup> 80     | 6 <sup>0</sup> 40     | 2 <sup>0</sup> 41     | 5 <sup>0</sup> 50     | 6 <sup>0</sup> 25     | 4 <sup>0</sup> 90     | 6 <sup>0</sup> 33      | 3 <sup>0</sup> 50     |
| 13 <sup>0</sup> 59      | 11 <sup>0</sup> 13    | 12 <sup>0</sup> 53    | 8 <sup>0</sup> 63     | 11 <sup>0</sup> 93    | 8 <sup>0</sup> 84     | 13 <sup>0</sup> 50    | 13 <sup>0</sup> 34    | 11 <sup>0</sup> 10    | 12 <sup>0</sup> 77     | 6 <sup>0</sup> 83     |
| 12 <sup>0</sup> 16      | 11 <sup>0</sup> 29    | 10 <sup>0</sup> 40    | 14 <sup>0</sup> 00    | 11 <sup>0</sup> 07    | 6 <sup>0</sup> 87     | 12 <sup>0</sup> 75    | 13 <sup>0</sup> 50    | 9 <sup>0</sup> 80     | 14 <sup>0</sup> 23     | 7 <sup>0</sup> 33     |
| 8 <sup>0</sup> 71       | 9 <sup>0</sup> 09     | 9 <sup>0</sup> 07     | 6 <sup>0</sup> 07     | 8 <sup>0</sup> 80     | 6 <sup>0</sup> 13     | 9 <sup>0</sup> 37     | 11 <sup>0</sup> 16    | 8 <sup>0</sup> 13     | 10 <sup>0</sup> 43     | 7 <sup>0</sup> 43     |
| 4 <sup>0</sup> 66       | 4 <sup>0</sup> 50     | 4 <sup>0</sup> 67     | 1 <sup>0</sup> 20     | 4 <sup>0</sup> 33     | 3 <sup>0</sup> 29     | 5 <sup>0</sup> 38     | 8 <sup>0</sup> 04     | 6 <sup>0</sup> 33     | 6 <sup>0</sup> 60      | 5 <sup>0</sup> 87     |
| 3 <sup>0</sup> 91       | 2 <sup>0</sup> 00     | 3 <sup>0</sup> 47     | —                     | 2 <sup>0</sup> 87     | 0 <sup>0</sup> 50     | 2 <sup>0</sup> 62     | 6 <sup>0</sup> 37     | 2 <sup>0</sup> 60     | 3 <sup>0</sup> 23      | 2 <sup>0</sup> 07     |
| 3 <sup>0</sup> 59       | 2 <sup>0</sup> 34     | 4 <sup>0</sup> 50     | —0 <sup>0</sup> 47    | 2 <sup>0</sup> 87     | 0 <sup>0</sup> 62     | 2 <sup>0</sup> 84     | 3 <sup>0</sup> 79     | 2 <sup>0</sup> 77     | 3 <sup>0</sup> 10      | 1 <sup>0</sup> 60     |
| 5 <sup>0</sup> 66       | 3 <sup>0</sup> 79     | 4 <sup>0</sup> 87     | 0 <sup>0</sup> 87     | 3 <sup>0</sup> 73     | —1 <sup>0</sup> 25    | 3 <sup>0</sup> 50     | 4 <sup>0</sup> 16     | 1 <sup>0</sup> 77     | 5 <sup>0</sup> 03      | 0 <sup>0</sup> 27     |
| 8 <sup>0</sup> 09       | 6 <sup>0</sup> 91     | 8 <sup>0</sup> 10     | 1 <sup>0</sup> 43     | 7 <sup>0</sup> 47     | 3 <sup>0</sup> 04     | 7 <sup>0</sup> 54     | 8 <sup>0</sup> 66     | 7 <sup>0</sup> 37     | 7 <sup>0</sup> 50      | 4 <sup>0</sup> 40     |
| 9 <sup>0</sup> 59       | 7 <sup>0</sup> 09     | 8 <sup>0</sup> 47     | 4 <sup>0</sup> 77     | 8 <sup>0</sup> 53     | 3 <sup>0</sup> 25     | 9 <sup>0</sup> 71     | 11 <sup>0</sup> 54    | 6 <sup>0</sup> 50     | 8 <sup>0</sup> 67      | 3 <sup>0</sup> 87     |
| 11 <sup>0</sup> 59      | 6 <sup>0</sup> 41     | 8 <sup>0</sup> 80     | 8 <sup>0</sup> 37     | 8 <sup>0</sup> 00     | 3 <sup>0</sup> 00     | 10 <sup>0</sup> 38    | 11 <sup>0</sup> 09    | 5 <sup>0</sup> 40     | 9 <sup>0</sup> 33      | 3 <sup>0</sup> 77     |
| 9 <sup>0</sup> 16       | 9 <sup>0</sup> 34     | 8 <sup>0</sup> 70     | 9 <sup>0</sup> 00     | 7 <sup>0</sup> 47     | 5 <sup>0</sup> 16     | 7 <sup>0</sup> 87     | 10 <sup>0</sup> 21    | 9 <sup>0</sup> 70     | 8 <sup>0</sup> 87      | 6 <sup>0</sup> 73     |
| 11 <sup>0</sup> 04      | 6 <sup>0</sup> 87     | 7 <sup>0</sup> 33     | 8 <sup>0</sup> 93     | 6 <sup>0</sup> 80     | 4 <sup>0</sup> 54     | 6 <sup>0</sup> 91     | 8 <sup>0</sup> 54     | 5 <sup>0</sup> 47     | 7 <sup>0</sup> 77      | 5 <sup>0</sup> 67     |
| 10 <sup>0</sup> 59      | 8 <sup>0</sup> 50     | 9 <sup>0</sup> 27     | —                     | 8 <sup>0</sup> 27     | 4 <sup>0</sup> 41     | 9 <sup>0</sup> 54     | 8 <sup>0</sup> 54     | 7 <sup>0</sup> 05     | 7 <sup>0</sup> 33      | 7 <sup>0</sup> 50     |
| 10 <sup>0</sup> 91      | 6 <sup>0</sup> 46     | 7 <sup>0</sup> 60     | 4 <sup>0</sup> 27     | 7 <sup>0</sup> 33     | 3 <sup>0</sup> 06     | 7 <sup>0</sup> 84     | 8 <sup>0</sup> 96     | 6 <sup>0</sup> 63     | 7 <sup>0</sup> 53      | 5 <sup>0</sup> 83     |
| 10 <sup>0</sup> 09      | 5 <sup>0</sup> 25     | 6 <sup>0</sup> 43     | —                     | 6 <sup>0</sup> 67     | 3 <sup>0</sup> 54     | 5 <sup>0</sup> 96     | 8 <sup>0</sup> 25     | 4 <sup>0</sup> 63     | 6 <sup>0</sup> 57      | 4 <sup>0</sup> 27     |
| 7 <sup>0</sup> 59       | 4 <sup>0</sup> 84     | 5 <sup>0</sup> 03     | —0 <sup>0</sup> 07    | 6 <sup>0</sup> 03     | 2 <sup>0</sup> 71     | 4 <sup>0</sup> 96     | 6 <sup>0</sup> 75     | 4 <sup>0</sup> 93     | 6 <sup>0</sup> 10      | 3 <sup>0</sup> 67     |
| 6 <sup>0</sup> 09       | 5 <sup>0</sup> 66     | 7 <sup>0</sup> 47     | 2 <sup>0</sup> 13     | 6 <sup>0</sup> 73     | 2 <sup>0</sup> 87     | 6 <sup>0</sup> 16     | 7 <sup>0</sup> 75     | 7 <sup>0</sup> 37     | 8 <sup>0</sup> 80      | 4 <sup>0</sup> 57     |
| 5 <sup>0</sup> 91       | 4 <sup>0</sup> 75     | 8 <sup>0</sup> 93     | 4 <sup>0</sup> 97     | 6 <sup>0</sup> 40     | 3 <sup>0</sup> 84     | 7 <sup>0</sup> 75     | 9 <sup>0</sup> 59     | 7 <sup>0</sup> 43     | 7 <sup>0</sup> 53      | 5 <sup>0</sup> 00     |
| 7 <sup>0</sup> 84       | 5 <sup>0</sup> 98     | 7 <sup>0</sup> 24     | 4 <sup>0</sup> 05     | 6 <sup>0</sup> 66     | 3 <sup>0</sup> 75     | 6 <sup>0</sup> 72     | 8 <sup>0</sup> 06     | 6 <sup>0</sup> 19     | 7 <sup>0</sup> 44      | 4 <sup>0</sup> 71     |
| 19 <sup>0</sup> 2<br>15 | 22 <sup>0</sup><br>15 | 17 <sup>0</sup><br>14 | 15 <sup>0</sup><br>15 | 21 <sup>0</sup><br>15 | 16 <sup>0</sup><br>14 | 18 <sup>0</sup><br>15 | 21 <sup>0</sup><br>15 | 18 <sup>0</sup><br>15 | 23 <sup>0</sup><br>15  | 14 <sup>0</sup><br>15 |
| —1 <sup>0</sup><br>7    | —2 <sup>0</sup><br>7  | —1 <sup>0</sup><br>7  | —4 <sup>0</sup><br>21 | —2 <sup>0</sup><br>7  | —7 <sup>0</sup><br>20 | —3 <sup>0</sup><br>7  | —3 <sup>0</sup><br>7  | —3 <sup>0</sup><br>20 | —0 <sup>0</sup><br>20  | —5 <sup>0</sup><br>20 |



**Ciepłota w sto-  
średnie**

*Październik 1877 roku.*

| Dzień      | Tar-<br>nów<br>7. 1. 10 | Koła-<br>czyce<br>7. 2. 10 | Do-<br>brze-<br>chów<br>7. 2. 9 | Rze-<br>szów<br>7. 1. 9 | Stara-<br>wies<br>7. 2. 9 | Ma-<br>niów<br>7. 1. 9  | Jaro-<br>sław<br>7. 1. 9 | Dro-<br>ho-<br>bycz<br>8. 2. 8 | Lwów<br>7. 2. 9        | Stani-<br>sław-<br>wów<br>7. 2. 9 |
|------------|-------------------------|----------------------------|---------------------------------|-------------------------|---------------------------|-------------------------|--------------------------|--------------------------------|------------------------|-----------------------------------|
| 1          | 10 <sup>0</sup> 25      | 8 <sup>0</sup> 00          | 7 <sup>0</sup> 66               | 7 <sup>0</sup> 87       | 7 <sup>0</sup> 87         | 8 <sup>0</sup> 13       | 8 <sup>0</sup> 17        | 9 <sup>0</sup> 21              | 7 <sup>0</sup> 83      | 9 <sup>0</sup> 20                 |
| 2          | 12 <sup>0</sup> 41      | 10 <sup>0</sup> 00         | 8 <sup>0</sup> 91               | 10 <sup>0</sup> 20      | 9 <sup>0</sup> 60         | 10 <sup>0</sup> 13      | 8 <sup>0</sup> 60        | 9 <sup>0</sup> 60              | 9 <sup>0</sup> 60      | 9 <sup>0</sup> 53                 |
| 3          | 12 <sup>0</sup> 63      | 10 <sup>0</sup> 75         | 10 <sup>0</sup> 41              | 10 <sup>0</sup> 70      | 9 <sup>0</sup> 87         | 9 <sup>0</sup> 60       | 10 <sup>0</sup> 70       | 10 <sup>0</sup> 63             | 10 <sup>0</sup> 90     | 10 <sup>0</sup> 50                |
| 4          | 10 <sup>0</sup> 00      | 8 <sup>0</sup> 71          | 8 <sup>0</sup> 84               | 8 <sup>0</sup> 37       | 8 <sup>0</sup> 30         | 7 <sup>0</sup> 93       | 9 <sup>0</sup> 60        | 8 <sup>0</sup> 66              | 7 <sup>0</sup> 87      | 8 <sup>0</sup> 33                 |
| 5          | 9 <sup>0</sup> 16       | 7 <sup>0</sup> 09          | 6 <sup>0</sup> 66               | 6 <sup>0</sup> 87       | 5 <sup>0</sup> 93         | 4 <sup>0</sup> 27       | 6 <sup>0</sup> 80        | 5 <sup>0</sup> 79              | 5 <sup>0</sup> 53      | 5 <sup>0</sup> 83                 |
| 6          | 4 <sup>0</sup> 66       | 2 <sup>0</sup> 50          | 2 <sup>0</sup> 16               | 1 <sup>0</sup> 67       | 2 <sup>0</sup> 23         | 1 <sup>0</sup> 60       | 2 <sup>0</sup> 70        | 2 <sup>0</sup> 04              | 2 <sup>0</sup> 20      | 2 <sup>0</sup> 30                 |
| 7          | 5 <sup>0</sup> 91       | 4 <sup>0</sup> 21          | 4 <sup>0</sup> 25               | 2 <sup>0</sup> 97       | 2 <sup>0</sup> 57         | 2 <sup>0</sup> 17       | 2 <sup>0</sup> 67        | 2 <sup>0</sup> 50              | 2 <sup>0</sup> 73      | 1 <sup>0</sup> 33                 |
| 8          | 7 <sup>0</sup> 00       | 4 <sup>0</sup> 21          | 3 <sup>0</sup> 41               | 4 <sup>0</sup> 70       | 4 <sup>0</sup> 33         | 1 <sup>0</sup> 57       | 5 <sup>0</sup> 27        | 5 <sup>0</sup> 16              | 5 <sup>0</sup> 03      | 3 <sup>0</sup> 20                 |
| 9          | 7 <sup>0</sup> 41       | 5 <sup>0</sup> 63          | 5 <sup>0</sup> 00               | 5 <sup>0</sup> 00       | 5 <sup>0</sup> 07         | 3 <sup>0</sup> 10       | 6 <sup>0</sup> 07        | 5 <sup>0</sup> 66              | 6 <sup>0</sup> 40      | 5 <sup>0</sup> 67                 |
| 10         | 8 <sup>0</sup> 34       | 6 <sup>0</sup> 34          | 5 <sup>0</sup> 66               | 5 <sup>0</sup> 87       | 5 <sup>0</sup> 50         | 3 <sup>0</sup> 60       | 6 <sup>0</sup> 17        | 5 <sup>0</sup> 38              | 5 <sup>0</sup> 17      | 5 <sup>0</sup> 30                 |
| 11         | 6 <sup>0</sup> 00       | 4 <sup>0</sup> 29          | 4 <sup>0</sup> 50               | 3 <sup>0</sup> 47       | 3 <sup>0</sup> 77         | 0 <sup>0</sup> 67       | 4 <sup>0</sup> 27        | 4 <sup>0</sup> 21              | 5 <sup>0</sup> 23      | 4 <sup>0</sup> 20                 |
| 12         | 7 <sup>0</sup> 59       | 6 <sup>0</sup> 84          | 5 <sup>0</sup> 00               | 6 <sup>0</sup> 10       | 4 <sup>0</sup> 97         | 2 <sup>0</sup> 20       | 5 <sup>0</sup> 70        | 5 <sup>0</sup> 71              | 4 <sup>0</sup> 77      | 3 <sup>0</sup> 07                 |
| 13         | 6 <sup>0</sup> 50       | 5 <sup>0</sup> 50          | 4 <sup>0</sup> 50               | 5 <sup>0</sup> 07       | 4 <sup>0</sup> 23         | 2 <sup>0</sup> 33       | 6 <sup>0</sup> 10        | 5 <sup>0</sup> 12              | 4 <sup>0</sup> 90      | 3 <sup>0</sup> 93                 |
| 14         | 11 <sup>0</sup> 71      | 8 <sup>0</sup> 66          | 9 <sup>0</sup> 59               | 7 <sup>0</sup> 13       | 9 <sup>0</sup> 47         | 8 <sup>0</sup> 13       | 11 <sup>0</sup> 07       | 10 <sup>0</sup> 84             | 9 <sup>0</sup> 10      | 7 <sup>0</sup> 00                 |
| 15         | 13 <sup>0</sup> 12      | 12 <sup>0</sup> 16         | 12 <sup>0</sup> 00              | 13 <sup>0</sup> 03      | 11 <sup>0</sup> 07        | 9 <sup>0</sup> 53       | 11 <sup>0</sup> 60       | 14 <sup>0</sup> 84             | 10 <sup>0</sup> 80     | 9 <sup>0</sup> 67                 |
| 16         | 12 <sup>0</sup> 13      | 9 <sup>0</sup> 54          | 9 <sup>0</sup> 24               | 9 <sup>0</sup> 90       | 9 <sup>0</sup> 50         | 9 <sup>0</sup> 60       | 10 <sup>0</sup> 40       | 13 <sup>0</sup> 09             | 9 <sup>0</sup> 63      | 8 <sup>0</sup> 77                 |
| 17         | 7 <sup>0</sup> 66       | 6 <sup>0</sup> 62          | 6 <sup>0</sup> 59               | 7 <sup>0</sup> 87       | 7 <sup>0</sup> 03         | 5 <sup>0</sup> 03       | 7 <sup>0</sup> 20        | 6 <sup>0</sup> 79              | 7 <sup>0</sup> 77      | 7 <sup>0</sup> 80                 |
| 18         | 3 <sup>0</sup> 75       | 2 <sup>0</sup> 04          | 1 <sup>0</sup> 34               | 2 <sup>0</sup> 37       | 1 <sup>0</sup> 27         | -2 <sup>0</sup> 13      | 2 <sup>0</sup> 87        | 2 <sup>0</sup> 84              | 3 <sup>0</sup> 37      | 2 <sup>0</sup> 10                 |
| 19         | 3 <sup>0</sup> 59       | 3 <sup>0</sup> 09          | 2 <sup>0</sup> 59               | 3 <sup>0</sup> 20       | 2 <sup>0</sup> 13         | 0 <sup>0</sup> 10       | 3 <sup>0</sup> 07        | 2 <sup>0</sup> 87              | 3 <sup>0</sup> 50      | 1 <sup>0</sup> 67                 |
| 20         | 4 <sup>0</sup> 37       | 2 <sup>0</sup> 37          | 2 <sup>0</sup> 50               | 3 <sup>0</sup> 40       | 2 <sup>0</sup> 50         | 0 <sup>0</sup> 07       | 3 <sup>0</sup> 23        | 3 <sup>0</sup> 38              | 3 <sup>0</sup> 47      | 2 <sup>0</sup> 13                 |
| 21         | 7 <sup>0</sup> 63       | 7 <sup>0</sup> 16          | 6 <sup>0</sup> 34               | 6 <sup>0</sup> 43       | 5 <sup>0</sup> 97         | 3 <sup>0</sup> 27       | 7 <sup>0</sup> 47        | 7 <sup>0</sup> 09              | 6 <sup>0</sup> 20      | 4 <sup>0</sup> 77                 |
| 22         | 9 <sup>0</sup> 59       | 8 <sup>0</sup> 13          | 8 <sup>0</sup> 41               | 4 <sup>0</sup> 43       | 7 <sup>0</sup> 87         | 5 <sup>0</sup> 63       | 9 <sup>0</sup> 07        | 9 <sup>0</sup> 66              | 8 <sup>0</sup> 33      | 7 <sup>0</sup> 77                 |
| 23         | 10 <sup>0</sup> 00      | 8 <sup>0</sup> 21          | 8 <sup>0</sup> 34               | 6 <sup>0</sup> 60       | 7 <sup>0</sup> 23         | 6 <sup>0</sup> 77       | 8 <sup>0</sup> 13        | 10 <sup>0</sup> 04             | 7 <sup>0</sup> 50      | 7 <sup>0</sup> 00                 |
| 24         | 10 <sup>0</sup> 66      | 10 <sup>0</sup> 34         | 9 <sup>0</sup> 91               | 9 <sup>0</sup> 87       | 9 <sup>0</sup> 03         | 8 <sup>0</sup> 73       | 6 <sup>0</sup> 30        | 9 <sup>0</sup> 59              | 7 <sup>0</sup> 37      | 5 <sup>0</sup> 20                 |
| 25         | 9 <sup>0</sup> 79       | 8 <sup>0</sup> 71          | 9 <sup>0</sup> 41               | 7 <sup>0</sup> 93       | 7 <sup>0</sup> 87         | 8 <sup>0</sup> 13       | 8 <sup>0</sup> 30        | 7 <sup>0</sup> 09              | 7 <sup>0</sup> 43      | 2 <sup>0</sup> 50                 |
| 26         | 9 <sup>0</sup> 84       | 8 <sup>0</sup> 37          | 9 <sup>0</sup> 84               | 7 <sup>0</sup> 43       | 9 <sup>0</sup> 40         | 9 <sup>0</sup> 03       | 6 <sup>0</sup> 07        | 4 <sup>0</sup> 46              | 6 <sup>0</sup> 20      | 2 <sup>0</sup> 60                 |
| 27         | 9 <sup>0</sup> 34       | 8 <sup>0</sup> 38          | 8 <sup>0</sup> 00               | 9 <sup>0</sup> 03       | 8 <sup>0</sup> 13         | 7 <sup>0</sup> 27       | 7 <sup>0</sup> 80        | 8 <sup>0</sup> 29              | 7 <sup>0</sup> 73      | 5 <sup>0</sup> 73                 |
| 28         | 8 <sup>0</sup> 37       | 6 <sup>0</sup> 59          | 6 <sup>0</sup> 66               | 10 <sup>0</sup> 97      | 6 <sup>0</sup> 47         | 4 <sup>0</sup> 67       | 8 <sup>0</sup> 67        | 6 <sup>0</sup> 59              | 7 <sup>0</sup> 60      | 7 <sup>0</sup> 20                 |
| 29         | 8 <sup>0</sup> 54       | 6 <sup>0</sup> 37          | 6 <sup>0</sup> 84               | 6 <sup>0</sup> 73       | 6 <sup>0</sup> 73         | 6 <sup>0</sup> 41       | 7 <sup>0</sup> 77        | 6 <sup>0</sup> 41              | 7 <sup>0</sup> 23      | 7 <sup>0</sup> 67                 |
| 30         | 10 <sup>0</sup> 21      | 8 <sup>0</sup> 38          | 8 <sup>0</sup> 34               | 5 <sup>0</sup> 57       | 7 <sup>0</sup> 50         | 6 <sup>0</sup> 67       | 7 <sup>0</sup> 83        | 8 <sup>0</sup> 16              | 7 <sup>0</sup> 87      | 7 <sup>0</sup> 90                 |
| 31         | 11 <sup>0</sup> 25      | 7 <sup>0</sup> 84          | 6 <sup>0</sup> 41               | 8 <sup>0</sup> 13       | 6 <sup>0</sup> 67         | 5 <sup>0</sup> 00       | 9 <sup>0</sup> 83        | 8 <sup>0</sup> 46              | 8 <sup>0</sup> 47      | 8 <sup>0</sup> 03                 |
| Średnia    | 8 <sup>0</sup> 69       | 7 <sup>0</sup> 00          | 6 <sup>0</sup> 76               | 6 <sup>0</sup> 74       | 6 <sup>0</sup> 45         | 5 <sup>0</sup> 13       | 7 <sup>0</sup> 08        | 7 <sup>0</sup> 12              | 6 <sup>0</sup> 70      | 5 <sup>0</sup> 75                 |
| Max.<br>d. | 17 <sup>0</sup><br>15   | 17 <sup>0</sup><br>15      | 17 <sup>0</sup><br>15           | 18 <sup>0</sup><br>28   | 16 <sup>0</sup><br>15     | 18 <sup>0</sup><br>16   | 18 <sup>0</sup><br>15    | 19 <sup>0</sup><br>15          | 16 <sup>0</sup><br>15  | 18 <sup>0</sup><br>15             |
| Min.<br>d. | 0 <sup>0</sup> 7<br>20  | -2 <sup>0</sup> 6<br>20    | -3 <sup>0</sup> 2<br>20         | 0 <sup>0</sup> 0<br>6   | -2 <sup>0</sup> 8<br>20   | -7 <sup>0</sup> 0<br>20 | -0 <sup>0</sup> 8<br>26  | 0 <sup>0</sup> 0<br>7          | -0 <sup>0</sup> 8<br>7 | -2 <sup>0</sup> 8<br>21           |

**pnialach Celsjusza,  
dziennie.**

*Listopad 1877 roku.*

| Zło-<br>czów<br>7. 2. 9 | Brze-<br>żany<br>7. 2. 7 | Koło-<br>myja<br>7. 2. 10 | Tarno-<br>pol<br>7. 2. 9 | Czort-<br>ków<br>8. 2. 9 | Bieli-<br>sko<br>8. 2. 8 | Ży-<br>wiec<br>7. 2. 9  | Wado-<br>wice<br>7. 1. 9    | Sucha<br>6. 2. 10       | Czer-<br>ni-<br>chów<br>7. 2. 7 | Zako-<br>pane<br>8. 2. 8 |
|-------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-----------------------------|-------------------------|---------------------------------|--------------------------|
| 8 <sup>0</sup> 33       | 8 <sup>0</sup> 40        | 10 <sup>0</sup> 33        | 7 <sup>0</sup> 37        | 8 <sup>0</sup> 41        | + 6 <sup>0</sup> 60      | + 6 <sup>0</sup> 40     | + 5 <sup>0</sup> 91         | + 5 <sup>0</sup> 34     | + 7 <sup>0</sup> 70             | + 2 <sup>0</sup> 10      |
| 9 <sup>0</sup> 20       | 9 <sup>0</sup> 47        | 11 <sup>0</sup> 27        | 8 <sup>0</sup> 33        | 10 <sup>0</sup> 04       | 4 <sup>0</sup> 67        | 4 <sup>0</sup> 93       | 6 <sup>0</sup> 09           | 4 <sup>0</sup> 91       | 6 <sup>0</sup> 13               | 0 <sup>0</sup> 20        |
| 11 <sup>0</sup> 07      | 10 <sup>0</sup> 70       | 11 <sup>0</sup> 57        | 10 <sup>0</sup> 30       | 10 <sup>0</sup> 06       | 6 <sup>0</sup> 30        | 5 <sup>0</sup> 33       | 7 <sup>0</sup> 34           | 4 <sup>0</sup> 66       | 5 <sup>0</sup> 60               | —                        |
| 7 <sup>0</sup> 80       | 7 <sup>0</sup> 97        | 10 <sup>0</sup> 33        | 6 <sup>0</sup> 97        | 7 <sup>0</sup> 37        | 4 <sup>0</sup> 77        | 3 <sup>0</sup> 73       | 5 <sup>0</sup> 59           | 2 <sup>0</sup> 25       | 4 <sup>0</sup> 87               | 0 <sup>0</sup> 57        |
| 5 <sup>0</sup> 27       | 6 <sup>0</sup> 07        | 7 <sup>0</sup> 07         | 5 <sup>0</sup> 17        | 6 <sup>0</sup> 13        | 6 <sup>0</sup> 10        | 4 <sup>0</sup> 47       | 6 <sup>0</sup> 29           | 3 <sup>0</sup> 71       | 3 <sup>0</sup> 57               | 1 <sup>0</sup> 73        |
| 1 <sup>0</sup> 00       | 2 <sup>0</sup> 00        | 3 <sup>0</sup> 77         | 1 <sup>0</sup> 87        | 2 <sup>0</sup> 04        | 9 <sup>0</sup> 50        | 7 <sup>0</sup> 87       | 6 <sup>0</sup> 09           | 6 <sup>0</sup> 71       | 7 <sup>0</sup> 37               | 1 <sup>0</sup> 20        |
| 1 <sup>0</sup> 47       | 2 <sup>0</sup> 20        | 1 <sup>0</sup> 43         | 0 <sup>0</sup> 20        | 2 <sup>0</sup> 49        | 9 <sup>0</sup> 43        | 7 <sup>0</sup> 67       | 8 <sup>0</sup> 66           | 4 <sup>0</sup> 71       | 5 <sup>0</sup> 73               | 2 <sup>0</sup> 20        |
| 3 <sup>0</sup> 80       | 4 <sup>0</sup> 30        | 3 <sup>0</sup> 83         | 3 <sup>0</sup> 80        | 4 <sup>0</sup> 66        | 8 <sup>0</sup> 87        | 9 <sup>0</sup> 27       | 6 <sup>0</sup> 71           | 5 <sup>0</sup> 75       | 3 <sup>0</sup> 13               | —                        |
| 5 <sup>0</sup> 43       | 5 <sup>0</sup> 77        | 6 <sup>0</sup> 43         | 5 <sup>0</sup> 77        | 6 <sup>0</sup> 34        | 6 <sup>0</sup> 80        | 5 <sup>0</sup> 87       | 6 <sup>0</sup> 09           | 4 <sup>0</sup> 79       | 3 <sup>0</sup> 87               | 3 <sup>0</sup> 53        |
| 5 <sup>0</sup> 73       | 5 <sup>0</sup> 47        | 6 <sup>0</sup> 60         | 5 <sup>0</sup> 50        | 5 <sup>0</sup> 87        | —                        | 5 <sup>0</sup> 33       | 5 <sup>0</sup> 16           | 4 <sup>0</sup> 59       | 1 <sup>0</sup> 87               | 2 <sup>0</sup> 80        |
| 5 <sup>0</sup> 47       | 6 <sup>0</sup> 03        | 4 <sup>0</sup> 93         | 5 <sup>0</sup> 80        | 5 <sup>0</sup> 96        | 9 <sup>0</sup> 87        | 7 <sup>0</sup> 53       | 6 <sup>0</sup> 16           | 5 <sup>0</sup> 91       | 1 <sup>0</sup> 93               | 4 <sup>0</sup> 60        |
| 3 <sup>0</sup> 90       | 5 <sup>0</sup> 90        | 3 <sup>0</sup> 37         | 3 <sup>0</sup> 60        | 4 <sup>0</sup> 16        | 13 <sup>0</sup> 27       | 13 <sup>0</sup> 53      | 9 <sup>0</sup> 96           | 11 <sup>0</sup> 71      | 10 <sup>0</sup> 27              | 8 <sup>0</sup> 97        |
| 4 <sup>0</sup> 27       | 4 <sup>0</sup> 47        | 6 <sup>0</sup> 27         | 3 <sup>0</sup> 90        | 3 <sup>0</sup> 34        | 14 <sup>0</sup> 23       | 13 <sup>0</sup> 67      | 11 <sup>0</sup> 66          | 11 <sup>0</sup> 25      | 10 <sup>0</sup> 57              | 8 <sup>0</sup> 60        |
| 8 <sup>0</sup> 50       | 8 <sup>0</sup> 10        | 7 <sup>0</sup> 30         | 6 <sup>0</sup> 97        | 5 <sup>0</sup> 88        | 12 <sup>0</sup> 80       | 10 <sup>0</sup> 87      | 9 <sup>0</sup> 84           | 9 <sup>0</sup> 09       | 8 <sup>0</sup> 30               | 8 <sup>0</sup> 47        |
| 11 <sup>0</sup> 37      | 9 <sup>0</sup> 70        | 9 <sup>0</sup> 57         | 8 <sup>0</sup> 77        | 7 <sup>0</sup> 71        | —                        | 9 <sup>0</sup> 20       | 8 <sup>0</sup> 38           | 8 <sup>0</sup> 37       | 8 <sup>0</sup> 30               | —                        |
| 9 <sup>0</sup> 07       | 9 <sup>0</sup> 33        | 8 <sup>0</sup> 83         | 8 <sup>0</sup> 10        | 7 <sup>0</sup> 62        | 7 <sup>0</sup> 73        | 8 <sup>0</sup> 33       | 8 <sup>0</sup> 16           | 5 <sup>0</sup> 91       | 5 <sup>0</sup> 07               | 7 <sup>0</sup> 73        |
| 6 <sup>0</sup> 80       | 7 <sup>0</sup> 67        | 9 <sup>0</sup> 37         | 7 <sup>0</sup> 67        | 8 <sup>0</sup> 59        | —                        | 3 <sup>0</sup> 73       | 4 <sup>0</sup> 91           | 5 <sup>0</sup> 38       | 4 <sup>0</sup> 67               | 5 <sup>0</sup> 13        |
| 2 <sup>0</sup> 67       | 3 <sup>0</sup> 10        | 5 <sup>0</sup> 10         | 2 <sup>0</sup> 60        | 3 <sup>0</sup> 50        | 4 <sup>0</sup> 83        | 4 <sup>0</sup> 03       | 5 <sup>0</sup> 16           | 5 <sup>0</sup> 00       | 5 <sup>0</sup> 70               | 2 <sup>0</sup> 67        |
| 2 <sup>0</sup> 33       | 2 <sup>0</sup> 20        | 1 <sup>0</sup> 93         | 1 <sup>0</sup> 37        | 2 <sup>0</sup> 25        | 3 <sup>0</sup> 43        | 2 <sup>0</sup> 80       | 5 <sup>0</sup> 00           | 3 <sup>0</sup> 29       | 4 <sup>0</sup> 70               | -1 <sup>0</sup> 57       |
| 2 <sup>0</sup> 23       | 2 <sup>0</sup> 10        | 2 <sup>0</sup> 20         | 0 <sup>0</sup> 80        | 1 <sup>0</sup> 41        | 5 <sup>0</sup> 43        | 4 <sup>0</sup> 93       | 4 <sup>0</sup> 91           | 4 <sup>0</sup> 16       | 4 <sup>0</sup> 17               | -0 <sup>0</sup> 07       |
| 5 <sup>0</sup> 87       | 4 <sup>0</sup> 43        | 4 <sup>0</sup> 30         | 4 <sup>0</sup> 93        | 5 <sup>0</sup> 50        | 2 <sup>0</sup> 43        | 2 <sup>0</sup> 60       | 4 <sup>0</sup> 16           | 2 <sup>0</sup> 04       | 2 <sup>0</sup> 43               | -0 <sup>0</sup> 47       |
| 8 <sup>0</sup> 53       | 7 <sup>0</sup> 73        | 7 <sup>0</sup> 73         | 6 <sup>0</sup> 63        | 7 <sup>0</sup> 21        | 4 <sup>0</sup> 70        | 3 <sup>0</sup> 27       | 3 <sup>0</sup> 91           | 3 <sup>0</sup> 84       | 4 <sup>0</sup> 73               | -0 <sup>0</sup> 33       |
| 8 <sup>0</sup> 07       | 6 <sup>0</sup> 97        | 6 <sup>0</sup> 90         | 5 <sup>0</sup> 77        | 5 <sup>0</sup> 59        | 6 <sup>0</sup> 30        | 3 <sup>0</sup> 53       | 6 <sup>0</sup> 41           | 5 <sup>0</sup> 29       | 6 <sup>0</sup> 27               | —                        |
| 6 <sup>0</sup> 13       | 5 <sup>0</sup> 83        | 6 <sup>0</sup> 17         | 5 <sup>0</sup> 27        | 7 <sup>0</sup> 04        | 4 <sup>0</sup> 50        | 3 <sup>0</sup> 87       | 5 <sup>0</sup> 09           | 3 <sup>0</sup> 09       | 3 <sup>0</sup> 27               | —                        |
| 4 <sup>0</sup> 23       | 4 <sup>0</sup> 83        | 5 <sup>0</sup> 37         | 3 <sup>0</sup> 57        | 3 <sup>0</sup> 29        | 7 <sup>0</sup> 57        | 6 <sup>0</sup> 87       | 6 <sup>0</sup> 00           | 6 <sup>0</sup> 75       | 5 <sup>0</sup> 27               | + 3 <sup>0</sup> 00      |
| 4 <sup>0</sup> 77       | 4 <sup>0</sup> 37        | 3 <sup>0</sup> 30         | 5 <sup>0</sup> 50        | 5 <sup>0</sup> 91        | 1 <sup>0</sup> 53        | 1 <sup>0</sup> 53       | 3 <sup>0</sup> 16           | 1 <sup>0</sup> 79       | 2 <sup>0</sup> 47               | -1 <sup>0</sup> 53       |
| 8 <sup>0</sup> 40       | 8 <sup>0</sup> 30        | 5 <sup>0</sup> 10         | 6 <sup>0</sup> 87        | 7 <sup>0</sup> 54        | 0 <sup>0</sup> 70        | 1 <sup>0</sup> 47       | 2 <sup>0</sup> 34           | 1 <sup>0</sup> 54       | 1 <sup>0</sup> 27               | -1 <sup>0</sup> 60       |
| 7 <sup>0</sup> 60       | 7 <sup>0</sup> 83        | 7 <sup>0</sup> 73         | 7 <sup>0</sup> 20        | 7 <sup>0</sup> 91        | 3 <sup>0</sup> 63        | 3 <sup>0</sup> 67       | 2 <sup>0</sup> 54           | 0 <sup>0</sup> 71       | 1 <sup>0</sup> 00               | -0 <sup>0</sup> 27       |
| 8 <sup>0</sup> 47       | 8 <sup>0</sup> 47        | 7 <sup>0</sup> 47         | 7 <sup>0</sup> 33        | 8 <sup>0</sup> 16        | 4 <sup>0</sup> 83        | 3 <sup>0</sup> 53       | 2 <sup>0</sup> 84           | 3 <sup>0</sup> 54       | 4 <sup>0</sup> 03               | + 1 <sup>0</sup> 53      |
| 7 <sup>0</sup> 97       | 7 <sup>0</sup> 87        | 8 <sup>0</sup> 03         | 7 <sup>0</sup> 40        | 8 <sup>0</sup> 04        | 4 <sup>0</sup> 00        | 5 <sup>0</sup> 27       | 1 <sup>0</sup> 75           | 3 <sup>0</sup> 29       | 2 <sup>0</sup> 47               | 2 <sup>0</sup> 20        |
| 9 <sup>0</sup> 00       | 8 <sup>0</sup> 67        | 9 <sup>0</sup> 67         | 8 <sup>0</sup> 10        | 8 <sup>0</sup> 79        | —                        | —                       | —                           | —                       | —                               | —                        |
| 6 <sup>0</sup> 28       | 6 <sup>0</sup> 33        | 6 <sup>0</sup> 56         | 5 <sup>0</sup> 59        | 6 <sup>0</sup> 12        | + 6 <sup>0</sup> 47      | + 5 <sup>0</sup> 87     | + 5 <sup>0</sup> 88         | + 4 <sup>0</sup> 98     | + 4 <sup>0</sup> 89             | + 2 <sup>0</sup> 49      |
| 18 <sup>0</sup><br>15   | 17 <sup>0</sup><br>15    | 17 <sup>0</sup><br>15     | 14 <sup>0</sup><br>15    | 15 <sup>0</sup><br>15    | + 15 <sup>0</sup><br>12  | + 16 <sup>0</sup><br>16 | + 16 <sup>0</sup><br>12     | + 16 <sup>0</sup><br>12 | + 15 <sup>0</sup><br>12         | + 11 <sup>0</sup><br>14  |
| -1 <sup>0</sup> 3<br>6  | -0 <sup>0</sup> 9<br>7   | -2 <sup>0</sup> 7<br>21   | -3 <sup>0</sup> 0<br>7   | -2 <sup>0</sup> 2<br>20  | -1 <sup>0</sup> 5<br>27  | -2 <sup>0</sup> 0<br>5  | -1 <sup>0</sup> 2<br>9 1 27 | -5 <sup>0</sup> 0<br>28 | -3 <sup>0</sup> 6<br>28         | -3 <sup>0</sup> 0<br>27  |



**Ciepłota w sto-**  
**średnie**

*Listopad 1877 roku.*

| Dzień      | Kra-<br>ków  | Poro-<br>nin | Jodło-<br>wnik | Boch-<br>nia | Nowy<br>Sącz | Ujście<br>Je-<br>zuick. | Kry-<br>nica | Tar-<br>nów  | Koła-<br>czyce | Do-<br>brze-<br>chów |
|------------|--------------|--------------|----------------|--------------|--------------|-------------------------|--------------|--------------|----------------|----------------------|
|            | 6. 2. 10     | 7. 2. 9      | 7. 2. 9        | 7. 1. 9      | 7. 1. 9      | 8. 2. 8                 | 7. 2. 9      | 7. 1. 10     | 7. 2. 10       | 7. 2. 9              |
| 1          | + 6'87       | + 3'54       | + 6'46         | + 8'66       | + 7'30       | + 7'07                  | + 5'87       | + 7'66       | + 7'21         | + 5'91               |
| 2          | 5'60         | 1'75         | 4'84           | 6'91         | 4'57         | 5'40                    | 2'80         | 6'25         | 5'12           | 3'66                 |
| 3          | 5'00         | 0'37         | 4'71           | 7'16         | 4'03         | 5'67                    | 2'30         | 6'75         | 5'29           | 3'16                 |
| 4          | 3'73         | 0'91         | 3'25           | 6'88         | 3'27         | 4'50                    | 2'57         | 5'34         | 3'66           | 2'09                 |
| 5          | 3'13         | -0'37        | 5'00           | 4'66         | 2'17         | 4'20                    | 2'57         | 5'54         | 3'91           | 2'46                 |
| 6          | 7'40         | + 1'96       | 7'04           | 8'50         | 3'93         | 6'97                    | 2'23         | 7'84         | 5'25           | 4'50                 |
| 7          | 5'13         | 0'88         | 6'79           | 7'84         | 2'53         | 6'30                    | 0'70         | 6'37         | 5'46           | 4'25                 |
| 8          | 3'87         | 1'62         | 7'09           | 6'59         | 4'20         | 6'47                    | 3'10         | 8'96         | 5'50           | 5'84                 |
| 9          | 4'33         | 2'04         | 5'25           | 5'09         | 3'07         | 6'00                    | 3'30         | 5'79         | 3'54           | 2'59                 |
| 10         | 1'67         | 1'09         | 4'37           | 0'54         | 3'87         | 3'50                    | 2'23         | 5'63         | 4'75           | 2'75                 |
| 11         | 1'97         | 1'46         | 6'00           | 1'00         | 7'13         | 4'13                    | 3'23         | 6'54         | 6'54           | 8'00                 |
| 12         | 8'40         | 8'71         | 10'54          | 9'84         | 10'67        | 9'93                    | 7'67         | 10'21        | 8'50           | 9'09                 |
| 13         | 9'73         | 7'54         | 10'96          | 10'87        | 11'00        | 9'37                    | 8'30         | 9'91         | 9'66           | 9'16                 |
| 14         | 7'80         | 6'79         | 9'06           | 5'71         | 10'30        | 9'00                    | 8'17         | 10'84        | 10'20          | 9'75                 |
| 15         | 7'67         | 5'16         | 7'88           | 8'09         | 7'43         | 6'87                    | 6'77         | 7'37         | 6'96           | 5'50                 |
| 16         | 4'73         | 4'12         | 6'84           | 6'34         | 4'77         | 5'10                    | 5'13         | 8'04         | 6'66           | 5'09                 |
| 17         | 5'27         | 3'04         | 5'75           | 6'91         | 5'10         | 5'87                    | 4'10         | 7'50         | 6'21           | 6'09                 |
| 18         | 5'73         | 3'04         | 5'46           | 6'25         | 5'60         | 5'20                    | 3'30         | 7'09         | 5'71           | 5'06                 |
| 19         | 3'80         | 0'21         | 3'25           | 4'84         | 4'27         | 3'53                    | 0'67         | 4'50         | 2'79           | 1'84                 |
| 20         | 4'07         | 0'29         | 4'25           | 4'34         | 3'40         | 2'23                    | 1'10         | 3'16         | 2'50           | 1'71                 |
| 21         | 2'47         | -0'46        | 2'06           | 2'66         | 3'50         | 2'00                    | 2'90         | 4'75         | 4'09           | 4'66                 |
| 22         | 4'53         | + 0'04       | 4'62           | 6'16         | 2'83         | 4'73                    | 3'53         | 5'41         | 5'41           | 4'34                 |
| 23         | 6'40         | 2'46         | 5'59           | 7'51         | 5'03         | 5'40                    | 1'93         | 8'62         | 4'50           | 4'09                 |
| 24         | 3'47         | 0'96         | 3'41           | 4'50         | 6'00         | 3'47                    | 1'70         | 4'59         | 3'13           | 2'50                 |
| 25         | 5'60         | 5'04         | 6'59           | 7'41         | 3'40         | 5'30                    | 3'63         | 5'50         | 5'16           | 3'50                 |
| 26         | 2'13         | -0'62        | 2'21           | 3'34         | 7'03         | 2'47                    | 1'60         | 2'96         | 2'84           | 2'41                 |
| 27         | 0'80         | -6'04        | 0'50           | 1'25         | 2'77         | 0'40                    | -0'17        | 1'59         | 0'50           | -0'84                |
| 28         | 1'07         | -4'50        | 2'79           | 2'00         | -0'37        | -0'03                   | -0'20        | 2'04         | 0'91           | -1'62                |
| 29         | 2'87         | + 0'46       | 4'54           | 4'00         | + 1'13       | + 2'57                  | + 0'07       | 3'91         | 2'25           | + 1'66               |
| 30         | 3'00         | 0'46         | 4'09           | 4'21         | 2'17         | 3'50                    | 3'00         | 2'66         | 3'66           | 1'75                 |
| Średnia    | + 4'61       | + 1'73       | + 5'42         | + 5'67       | + 4'74       | + 4'90                  | + 3'13       | + 6'11       | + 4'93         | + 4'03               |
| Max.<br>d. | + 14'4<br>12 | + 11'7<br>12 | + 14'0<br>14   | + 14'7<br>12 | + 13'8<br>14 | + 16'4<br>8             | + 13'4<br>15 | + 13'7<br>14 | + 14'5<br>16   | + 14'0<br>14         |
| Min.<br>d. | -4'0<br>28   | -12'0<br>27  | -2'2<br>27     | -3'2<br>11   | -5'0<br>28   | -6'0<br>28              | -5'1<br>27   | -1'0<br>28   | -3'2<br>27     | -5'7<br>27           |

**pniaach Celstusza,**  
**dziennie.**

| Star-<br>wieś | Ma-<br>niów  | Jaro-<br>sław | Dro-<br>ho-<br>bycz | Lwów        | Stani-<br>sław-<br>wów | Zło-<br>czów | Brze-<br>żany | Koło-<br>myja | Tar-<br>nopol | Czort-<br>ków |
|---------------|--------------|---------------|---------------------|-------------|------------------------|--------------|---------------|---------------|---------------|---------------|
| 7. 2. 9       | 7. 1. 9      | 7. 1. 9       | 8. 2. 8             | 7. 2. 9     | 7. 2. 9                | 7. 2. 9      | 7. 2. 7       | 7. 2. 10      | 7. 2. 9       | 8. 2. 9       |
| + 6'43        | + 5'50       | + 6'50        | + 7'50              | + 7'90      | + 6'73                 | + 6'87       | + 7'27        | + 8'20        | + 6'47        | + 6'12        |
| 4'70          | 2'60         | 5'67          | 6'21                | 6'83        | 5'60                   | 5'33         | 6'10          | 8'60          | 5'27          | 5'63          |
| 4'07          | 3'57         | 3'87          | 4'96                | 4'67        | 4'27                   | 3'17         | 5'07          | 6'57          | 3'97          | 4'04          |
| 3'47          | 2'17         | 3'30          | 6'59                | 4'57        | 3'33                   | 3'80         | 3'13          | 3'43          | 3'13          | 3'75          |
| 3'53          | 1'93         | 3'67          | 5'00                | 4'83        | 3'73                   | 3'83         | 4'53          | 4'60          | 2'87          | 2'87          |
| 5'17          | 3'07         | 7'13          | 7'29                | 4'67        | 3'13                   | 3'27         | 3'43          | 3'57          | 3'23          | 1'75          |
| 4'57          | 4'47         | 6'20          | 8'59                | 5'40        | 2'81                   | 3'87         | 4'83          | 3'53          | 2'83          | 1'54          |
| 5'80          | 3'57         | 4'67          | 7'71                | 5'93        | 2'77                   | 4'40         | 2'40          | 4'00          | 2'67          | 2'41          |
| 3'67          | 2'53         | 4'40          | 5'71                | 4'90        | 2'90                   | 3'40         | 2'03          | 3'23          | 3'37          | 2'21          |
| 3'43          | 1'93         | 3'03          | 2'50                | 4'43        | 0'93                   | 1'83         | 2'13          | 2'67          | 2'67          | 2'16          |
| 5'83          | 4'97         | 2'23          | 2'00                | 4'37        | 1'87                   | 2'07         | 3'07          | 3'00          | 1'90          | 2'21          |
| 8'77          | 7'27         | 4'60          | 2'34                | 3'83        | 2'10                   | 3'37         | 2'50          | 3'00          | 2'97          | 3'75          |
| 7'50          | 8'47         | 5'27          | 4'21                | 6'00        | 4'70                   | 6'53         | 6'43          | 5'83          | 5'83          | 6'34          |
| 9'20          | 6'90         | 5'77          | 5'00                | 5'30        | 4'77                   | 4'73         | 4'43          | 4'43          | 3'87          | 4'41          |
| 5'63          | 4'40         | 3'67          | 3'09                | 3'63        | 3'17                   | 2'10         | 2'13          | 2'93          | 1'20          | 1'38          |
| 5'40          | 4'13         | 2'53          | 1'96                | 2'73        | 1'27                   | 1'40         | 1'57          | 3'10          | 0'00          | 0'29          |
| 5'00          | 3'50         | 4'90          | 3'75                | 4'37        | 2'47                   | 4'50         | 2'67          | 3'27          | 2'87          | 2'21          |
| 4'43          | 2'37         | 0'87          | 5'46                | 6'13        | 5'47                   | 5'70         | 4'80          | 6'43          | 5'10          | 4'91          |
| 1'83          | -1'40        | 3'47          | 2'79                | 3'83        | 3'53                   | 3'73         | 4'07          | 4'70          | 3'00          | 4'29          |
| 2'23          | -0'33        | 1'90          | 2'00                | 2'47        | 1'40                   | 1'83         | 2'40          | —             | 2'13          | 2'04          |
| 4'17          | + 5'13       | 3'97          | 1'50                | 3'13        | -0'50                  | 0'97         | -0'07         | —             | 1'73          | 2'04          |
| 4'43          | 4'63         | 4'10          | 5'13                | 3'53        | + 3'80                 | 3'23         | + 3'67        | 3'33          | 2'37          | 2'62          |
| 4'30          | 1'87         | 6'70          | 7'50                | 5'97        | 4'13                   | 5'07         | 4'87          | 5'00          | 3'73          | 3'21          |
| 2'77          | 1'00         | 4'13          | 3'84                | 4'07        | 2'63                   | 3'77         | 3'17          | 4'13          | 3'30          | 3'38          |
| 5'33          | 3'77         | 4'33          | 6'46                | 3'47        | 1'93                   | 2'47         | 3'17          | 3'17          | 1'87          | 2'21          |
| 2'87          | 0'43         | 2'63          | 3'04                | 3'37        | 0'73                   | 2'27         | 2'63          | 2'10          | 1'87          | 2'04          |
| 0'37          | -2'23        | 1'33          | 0'91                | 2'67        | 1'40                   | 1'27         | 1'70          | 2'37          | 0'97          | 1'37          |
| 0'37          | -1'70        | -1'07         | -0'25               | 0'10        | -1'70                  | 0'23         | 0'70          | -0'37         | -0'07         | 0'38          |
| 2'37          | + 0'37       | + 2'47        | + 0'87              | 1'00        | -2'27                  | -1'67        | -1'87         | -0'83         | -1'73         | -0'96         |
| 3'23          | 3'73         | 0'17          | -0'37               | 1'47        | -0'50                  | + 1'73       | + 1'17        | + 0'90        | + 1'93        | + 3'41        |
| + 4'36        | + 2'97       | + 3'95        | + 4'11              | + 4'19      | + 2'55                 | + 3'20       | + 3'14        | + 3'75        | + 2'71        | + 2'80        |
| + 13'4<br>14  | + 14'2<br>15 | + 11'3<br>8   | + 14'1<br>8         | + 11'2<br>8 | + 11'0<br>6            | + 11'4<br>8  | + 13'3<br>7   | + 12'3<br>8   | + 9'5<br>8    | + 9'1<br>8    |
| -4'4<br>28    | -7'3<br>27   | -5'0<br>28    | -3'7<br>28          | -2'1<br>28  | -4'3<br>28             | -2'4<br>29   | -3'9<br>8     | -3'5<br>4     | -3'0<br>29    | -3'4<br>7     |



**Ciepłota powietrza**  
**Średnie**

Grudzień 1876 roku.

| Dzień       | Bielsko           | Żywiec          | Wadowice        | Zakopane           | Kraków             | Poronin         | Jodłownik       | Bochnia         | Starawieś      |
|-------------|-------------------|-----------------|-----------------|--------------------|--------------------|-----------------|-----------------|-----------------|----------------|
|             | 8. 2. 8           | 7. 2. 9         | 6. 1. 9         | 8. 2. 8            | 6. 2. 10           | 7. 2. 9         | 7. 2. 9         | 8. 1. 9         | 7. 2. 9        |
| 1           | 729'37            | 728'16          | 733'62          | 672'80             | 740'44             | 693'96          | 731'29          | 740'16          | 734'20         |
| 2           | 23'17             | 23'81           | 30'08           | 68'09              | 33'08              | 89'61           | 24'57           | 34'70           | 29'87          |
| 3           | 21'17             | 20'83           | 26'76           | 65'58              | 31'86              | 86'85           | 22'61           | 30'43           | 25'70          |
| 4           | 16'47             | 16'40           | 23'53           | 68'77              | 27'92              | 84'04           | 18'19           | 29'33           | 22'43          |
| 5           | 21'03             | 20'13           | 28'09           | 68'18              | 31'05              | 85'82           | 22'05           | 31'53           | 24'20          |
| 6           | 19'83             | 19'18           | 29'71           | 80'09              | 30'85              | —               | 21'46           | 31'64           | 25'23          |
| 7           | 24'23             | 23'90           | 31'50           | 73'84              | 35'28              | 89'27           | 26'15           | 34'54           | 29'73          |
| 8           | 24'37             | 23'90           | 30'84           | 74'86              | 35'51              | 89'81           | 25'74           | 34'94           | 29'10          |
| 9           | 27'27             | 25'11           | 32'35           | 75'76              | 38'46              | 92'40           | 29'38           | 37'14           | 32'17          |
| 10          | 31'80             | 30'71           | 34'61           | 71'21              | 42'22              | 94'52           | 33'01           | 39'41           | 34'90          |
| 11          | 29'63             | 30'23           | 36'80           | 68'99              | 40'92              | 94'12           | 31'95           | 41'52           | 33'83          |
| 12          | 30'17             | 30'35           | 37'95           | 66'37              | 42'30              | 94'39           | 32'94           | 43'28           | 35'77          |
| 13          | 30'10             | 30'50           | 38'18           | 66'10              | 42'54              | 94'82           | 33'14           | 42'97           | 36'47          |
| 14          | 32'50             | 32'22           | 40'34           | 69'55              | 44'30              | 95'84           | 34'93           | 43'76           | 37'63          |
| 15          | 32'43             | 32'54           | 39'82           | 70'07              | 45'00              | 96'37           | 35'51           | 44'43           | 38'30          |
| 16          | 30'67             | 31'07           | 38'78           | 70'03              | 43'58              | 95'65           | 33'93           | 43'99           | 37'00          |
| 17          | 28'43             | 28'23           | 37'50           | 70'97              | 41'24              | 93'51           | 31'84           | 42'60           | 34'20          |
| 18          | 24'40             | 24'05           | 35'06           | 68'63              | 35'97              | 89'52           | 26'22           | 37'38           | 29'80          |
| 19          | 15'87             | 15'75           | 33'75           | 71'18              | 27'24              | 82'39           | 17'80           | 28'89           | 21'93          |
| 20          | 17'07             | 15'14           | 31'84           | 71'18              | 28'36              | 82'10           | 18'71           | 28'08           | 22'13          |
| 21          | 15'13             | 13'25           | 29'85           | 74'47              | 25'14              | 79'64           | 15'57           | 26'13           | 19'63          |
| 22          | 13'23             | 12'80           | 30'05           | 62'87              | 23'72              | 76'63           | 13'83           | 24'16           | 14'23          |
| 23          | 20'37             | 19'11           | 32'96           | 63'10              | 32'40              | 83'21           | 22'38           | 32'31           | 25'73          |
| 24          | 24'73             | 24'48           | 34'23           | 71'56              | 38'11              | 87'98           | 28'02           | 38'54           | 31'53          |
| 25          | 26'73             | 26'76           | 36'58           | 67'84              | 38'87              | 88'14           | 28'72           | 39'24           | 30'87          |
| 26          | 34'20             | 32'15           | 38'78           | 70'21              | 45'37              | 93'49           | 34'93           | 44'87           | 35'27          |
| 27          | 42'80             | 40'41           | 38'62           | 66'51              | 53'88              | 702'19          | 43'43           | 53'15           | 44'03          |
| 28          | 34'57             | —               | 36'41           | 68'90              | 47'95              | 701'05          | 38'31           | 48'95           | 42'90          |
| 29          | 30'50             | —               | 34'02           | 70'88              | 41'40              | 696'74          | 32'15           | 41'81           | 36'27          |
| 30          | 27'47             | —               | 32'65           | 68'94              | 38'34              | 93'49           | 29'26           | 38'52           | 32'93          |
| 31          | 26'20             | —               | 33'17           | 69'22              | 36'48              | 92'88           | 27'62           | 37'59           | 32'43          |
| Średnia     | 726'00            | 724'86          | 733'82          | 669'90             | 737'41             | 690'68          | 727'92          | 737'61          | 731'05         |
| Max. d., g. | 743'3<br>27, 8 r. | 741'45<br>27, 2 | 741'04<br>14, 1 | 686'99<br>6, 8 r.  | 755'25<br>28, 0 r. | 703'46<br>27, 9 | 744'63<br>27, 9 | 754'34<br>27, 9 | 746'4<br>27, 9 |
| Min. d., g. | 709'8<br>22, 8 r. | 711'01<br>22, 2 | 722'90<br>4, 9  | 656'27<br>23, 8 w. | 720'08<br>22, 7 r. | 675'64<br>22, 7 | 710'47<br>22, 7 | 721'44<br>22, 8 | 714'3<br>22, 7 |

**w millimetrach.**  
**dzienne.**

Styczeń 1877 r.

| Jarosław        | Lwów            | Złoczów        | Brzeżany          | Tarnopol       | Bielsko           | Żywiec          | Wadowice        | Zakopane          | Kraków             |
|-----------------|-----------------|----------------|-------------------|----------------|-------------------|-----------------|-----------------|-------------------|--------------------|
| 7. 1. 9         | 7. 2. 9         | 7. 2. 9        | 7. 2. 7           | 7. 2. 9        | 8. 2. 8           | 7. 2. 9         | 6. 1. 9         | 8. 2. 8           | 6. 2. 10           |
| 742'90          | 734'63          | 737'50         | 736'37            | 733'17         | 722'63            | —               | 729'44          | 671'61            | 733'66             |
| 34'93           | 27'59           | 30'17          | 28'87             | 26'07          | 25'23             | —               | 33'21           | 71'47             | 35'57              |
| 33'40           | 25'23           | 27'67          | 24'67             | 22'53          | 31'93             | 731'61          | 37'66           | 67'25             | 43'44              |
| 30'22           | 22'61           | 25'97          | 24'57             | 21'37          | 24'93             | 27'89           | 36'01           | 75'94             | 36'35              |
| 31'26           | 23'47           | 26'80          | 25'63             | 22'40          | 22'00             | 21'41           | 28'50           | 70'07             | 33'52              |
| 33'48           | 25'72           | 29'20          | 27'90             | 25'10          | 28'63             | 28'11           | 35'80           | 70'66             | 39'93              |
| 37'15           | 29'77           | 32'37          | 31'10             | 27'97          | 30'73             | 30'91           | 38'47           | 71'11             | 42'90              |
| 37'25           | 29'35           | 33'03          | 31'57             | 29'17          | 35'30             | 34'23           | 42'15           | 70'16             | 46'17              |
| 40'05           | 32'19           | 35'37          | 34'33             | 31'47          | 33'60             | 34'59           | 40'65           | 67'14             | 44'78              |
| 42'80           | 33'83           | 36'67          | 35'37             | 32'80          | 35'17             | 33'55           | 41'85           | 75'40             | 45'86              |
| 40'91           | 32'54           | 35'30          | 34'00             | 31'80          | 26'33             | 26'11           | 37'20           | 71'88             | 38'16              |
| 43'51           | 35'10           | 37'43          | 36'67             | 33'50          | 24'80             | 24'66           | 31'20           | 69'08             | 36'07              |
| 44'80           | 36'62           | 39'30          | 38'17             | 34'77          | 31'43             | 29'87           | 30'71           | 65'84             | 42'56              |
| 45'54           | 37'03           | 39'93          | 38'90             | 35'23          | 34'97             | 34'56           | 37'90           | 66'44             | 46'67              |
| 46'95           | 38'64           | 41'53          | 40'13             | 36'53          | 32'47             | 32'65           | 40'27           | 71'33             | 41'57              |
| 45'97           | 37'97           | 41'17          | 40'10             | 36'37          | 36'70             | 35'13           | 43'05           | 69'92             | 44'85              |
| 43'37           | 35'51           | 38'73          | 37'40             | 33'97          | 37'53             | 37'54           | 44'54           | 71'33             | 49'81              |
| 38'73           | 30'59           | 33'90          | 33'03             | 29'37          | 37'77             | 36'89           | 45'33           | 71'86             | 48'91              |
| 29'63           | 22'39           | 25'87          | 25'20             | 22'07          | 49'29             | 38'51           | 46'36           | 70'59             | 51'61              |
| 29'68           | 21'33           | 23'80          | 22'50             | 18'80          | 40'20             | 40'38           | 48'84           | 72'01             | 53'17              |
| 27'23           | 21'02           | 24'97          | 24'30             | 21'60          | 40'37             | 40'30           | 48'24           | 68'09             | 52'95              |
| 23'58           | 17'70           | 18'83          | 18'30             | 14'73          | 44'00             | 41'74           | 48'96           | 72'87             | 55'38              |
| 34'02           | 24'87           | 27'30          | 25'90             | 21'63          | 40'83             | 39'26           | 46'54           | 71'93             | 51'76              |
| 41'30           | 32'72           | 35'63          | 34'60             | 31'23          | 37'43             | 37'39           | 44'45           | 69'46             | 48'65              |
| 39'91           | 30'62           | 33'70          | 31'97             | 28'90          | 34'90             | 34'27           | 40'81           | 69'15             | 46'44              |
| 43'55           | 32'85           | 34'73          | 33'57             | 28'93          | 30'87             | 32'13           | 38'90           | 69'46             | 43'99              |
| 52'26           | 41'53           | 43'50          | 42'47             | 37'77          | 37'20             | 35'87           | 42'80           | 69'26             | 49'73              |
| 51'55           | 42'69           | 45'83          | 44'77             | 40'43          | 37'50             | 38'58           | 43'21           | 71'29             | 49'80              |
| 44'84           | 34'36           | 37'30          | 36'87             | 33'20          | 29'00             | 29'94           | 35'51           | 71'61             | 41'03              |
| 39'06           | 31'00           | 33'50          | 32'57             | 29'13          | 26'27             | 27'21           | 33'51           | 71'84             | 37'88              |
| 38'51           | 30'44           | 33'17          | 32'47             | 28'77          | 19'03             | 21'21           | 28'68           | 72'29             | 31'83              |
| 738'98          | 730'64          | 733'55         | 732'40            | 729'06         | 732'58            | 732'98          | 739'38          | 670'59            | 744'26             |
| 754'38<br>27, 9 | 744'60<br>28, 7 | 747'1<br>28, 7 | 746'3<br>28, 7 r. | 741'3<br>28, 7 | 744'2<br>22, 8 r. | 741'94<br>22, 2 | 749'90<br>20, 9 | 677'88<br>4, 8 r. | 756'62<br>22, 1 r. |
| 721'32<br>22, 7 | 714'67<br>22, 2 | 718'3<br>22, 2 | 717'4<br>22, 2    | 713'9<br>22, 9 | 716'2<br>31, 2    | 719'93<br>31, 7 | 725'74<br>31, 6 | 665'31<br>9, 8 w. | 730'03<br>31, 8 r. |



**Ciąnienie powietrza**  
Średnie

Styczeń 1877 r.

| Dzień          | Poro-<br>nin    | Jodło-<br>wnik  | Boch-<br>nia    | Stara-<br>wieś | Jaro-<br>sław   | Lwów            | Zło-<br>czów   | Brze-<br>żany     | Tarno-<br>nopol  |
|----------------|-----------------|-----------------|-----------------|----------------|-----------------|-----------------|----------------|-------------------|------------------|
|                | 7. 2. 9         | 7. 2. 9         | 7. 1. 9         | 7. 2. 9        | 7. 1. 9         | 7. 2. 9         | 7. 2. 9        | 7. 2. 7           | 7. 2. 9          |
| 1              | 69°44           | 72°49           | 73°12           | 72°70          | 73°25           | 72°59           | 73°37          | 73°00             | 72°17            |
| 2              | 90°60           | 26°49           | 35°70           | 29°77          | 35°89           | 28°14           | 30°73          | 29°37             | 26°20            |
| 3              | 96°85           | 34°36           | 43°43           | 37°40          | 45°29           | 37°27           | 39°90          | 39°70             | 35°17            |
| 4              | 92°79           | 27°32           | 37°09           | 31°57          | 39°43           | 32°45           | 35°80          | 34°97             | 31°77            |
| 5              | 89°09           | 23°62           | 33°49           | 28°60          | 35°24           | 28°56           | 31°70          | 31°20             | 28°17            |
| 6              | 93°31           | 30°84           | 40°26           | 34°57          | 42°15           | 34°65           | 37°67          | 36°90             | 33°10            |
| 7              | 96°20           | 33°98           | 43°47           | 38°07          | 46°04           | 38°70           | 41°80          | 40°80             | 37°40            |
| 8              | 700°12          | 37°50           | 45°55           | 41°07          | 48°88           | 41°23           | 44°23          | 43°30             | 40°50            |
| 9              | 0°63            | 36°10           | 44°84           | 40°03          | 47°17           | 40°03           | 43°43          | 42°47             | 39°37            |
| 10             | 0°14            | 36°73           | 45°89           | 39°47          | 47°07           | 38°78           | 41°53          | 40°93             | 36°90            |
| 11             | 692°04          | 28°86           | 39°26           | 31°50          | 39°45           | 31°11           | 34°00          | 32°87             | 29°57            |
| 12             | 90°75           | 26°92           | 36°25           | 30°07          | 38°43           | 30°37           | 33°27          | 31°70             | 28°50            |
| 13             | 93°46           | 32°87           | 42°38           | 35°57          | 43°59           | 36°22           | 39°30          | 37°63             | 34°80            |
| 14             | 97°87           | 37°03           | 46°80           | 39°77          | 48°54           | 40°81           | 43°63          | 42°07             | 39°70            |
| 15             | 96°94           | 34°95           | 44°73           | 37°90          | 46°93           | 39°05           | 42°33          | 40°63             | 37°47            |
| 16             | 99°40           | 39°12           | 48°31           | 41°97          | 50°59           | 41°65           | 44°93          | 43°33             | 39°87            |
| 17             | 701°52          | 40°45           | 51°04           | 43°10          | 52°02           | 43°15           | 46°20          | 44°90             | 41°13            |
| 18             | 0°82            | 39°41           | 49°23           | 42°00          | 50°83           | 41°56           | 45°00          | 43°53             | 40°33            |
| 19             | 2°24            | 41°90           | 52°06           | 44°63          | 52°62           | 44°42           | 47°40          | 45°63             | 42°23            |
| 20             | 3°82            | 43°36           | 53°43           | 46°77          | 54°73           | 47°30           | 50°33          | 48°93             | 45°40            |
| 21             | —               | 42°94           | 53°28           | 45°80          | 54°85           | 46°26           | 49°53          | 48°17             | 44°60            |
| 22             | 5°78            | 45°21           | 55°19           | 47°60          | 56°37           | 47°32           | 49°80          | 49°17             | 45°00            |
| 23             | 4°02            | 42°26           | 52°60           | 44°20          | 52°32           | 43°07           | 45°87          | 44°80             | 40°50            |
| 24             | 1°95            | 39°03           | 49°43           | 41°20          | 49°75           | 40°41           | 43°27          | 41°67             | 38°17            |
| 25             | 697°03          | 36°55           | 46°91           | 39°57          | 48°68           | 40°17           | 43°57          | 41°97             | 38°20            |
| 26             | 95°07           | 33°82           | 44°53           | 37°87          | 48°51           | 39°86           | 43°37          | 42°10             | 38°67            |
| 27             | 99°83           | 39°96           | 49°23           | 43°03          | 52°39           | 44°12           | 47°87          | 46°77             | 43°60            |
| 28             | 702°35          | 40°54           | 50°25           | 44°00          | 52°02           | 44°27           | 47°97          | 47°03             | 43°50            |
| 29             | 695°00          | 32°29           | 41°76           | 35°99          | 43°43           | 36°29           | 39°87          | 38°93             | 35°70            |
| 30             | 93°76           | 28°81           | 38°48           | 32°63          | 40°81           | 32°69           | 35°83          | 35°33             | 30°20            |
| 31             | 86°07           | 22°74           | 31°61           | 27°43          | 34°56           | 27°49           | 31°13          | 30°27             | 27°87            |
| Średnia        | 697°03          | 734°87          | 744°58          | 738°15         | 746°29          | 738°26          | 741°38         | 740°22            | 736°80           |
| Max.<br>d., g. | 705°94<br>22, 2 | 745°39<br>22, 7 | 755°74<br>22, 1 | 748°0<br>22, 2 | 757°10<br>22, 1 | 747°71<br>22, 2 | 750°6<br>20, 9 | 749°4<br>22, 7 r. | 746°5<br>20, 2   |
| Min.<br>d., g. | 685°48<br>31, 7 | 720°31<br>31, 7 | 731°23<br>31, 7 | 725°9<br>31, 7 | 733°77<br>31, 7 | 726°24<br>31, 7 | 730°2<br>2, 2  | 729°0<br>2, 7 r.  | 725°8<br>2, 7 r. |

**w millimetrach.**

dzienne.

Luty 1877 roku.

| Bielsko           | Żywiec          | Wadowice        | Sucha            | Zakopane          | Kraków              | Porocin         | Jodłownik       | Bochnia         | Starawieś      |
|-------------------|-----------------|-----------------|------------------|-------------------|---------------------|-----------------|-----------------|-----------------|----------------|
| 8. 2. 8           | 7. 2. 9         | 6. 1. 9         | 6. 2. 10         | 8. 2. 8           | 6. 2. 10            | 7. 2. 9         | 7. 2. 9         | 7. 1. 9         | 7. 2. 9        |
| 731°63            | 730°62          | 737°43          | 733°44           | 673°05            | 742°39              | 694°50          | 733°23          | 742°05          | 735°33         |
| 38°20             | 36°80           | 43°70           | 39°06            | 72°96             | 48°92               | 99°98           | 39°28           | 48°30           | 40°93          |
| 39°30             | 38°20           | 46°32           | 40°36            | 72°66             | 50°15               | 701°00          | 40°90           | 50°70           | 43°23          |
| 34°50             | 36°46           | 42°94           | 37°66            | 72°51             | 47°48               | 0°12            | 37°97           | 47°56           | 41°17          |
| 37°50             | 36°05           | 41°85           | 38°24            | 74°02             | 47°30               | 0°48            | 38°83           | 47°37           | 40°97          |
| 35°17             | 35°31           | 40°09           | 36°08            | 71°79             | 45°51               | 699°26          | 36°50           | 46°40           | 38°30          |
| 27°60             | 29°20           | 31°68           | 29°38            | 72°29             | 38°22               | 93°17           | 28°81           | 38°93           | 30°67          |
| 29°97             | 27°77           | 32°76           | 30°59            | 72°15             | 39°26               | 92°54           | 30°62           | 39°03           | 31°03          |
| 26°77             | 26°83           | 32°80           | 28°05            | 70°30             | 36°98               | 91°84           | 27°84           | 37°72           | 29°50          |
| 23°10             | 22°50           | 31°75           | 23°94            | 69°67             | 32°75               | 88°59           | 24°12           | 37°20           | 26°80          |
| 27°43             | 24°39           | 33°55           | 29°08            | 69°22             | 37°69               | 91°57           | 29°76           | 38°01           | 31°00          |
| 23°43             | 21°84           | 27°59           | 25°07            | 68°79             | 33°72               | 88°21           | 24°55           | 33°04           | 25°40          |
| 22°20             | 25°43           | 31°61           | 24°69            | 71°74             | 34°67               | 86°87           | 25°38           | 35°45           | 28°43          |
| 32°97             | 33°08           | 37°32           | 35°20            | 70°66             | 44°82               | 95°56           | 34°93           | 45°01           | 37°03          |
| 35°23             | 35°24           | 42°73           | 36°82            | 69°85             | 46°44               | 99°22           | 37°50           | 48°10           | 41°50          |
| 30°93             | 32°20           | 40°18           | 33°19            | 72°06             | 42°84               | 97°75           | 33°71           | 44°03           | 38°43          |
| 28°13             | 28°93           | 35°96           | 30°03            | 71°95             | 39°57               | 93°87           | 30°48           | 40°73           | 34°07          |
| 33°40             | 30°84           | 38°47           | 34°54            | 71°88             | 44°65               | 96°12           | 35°45           | 44°78           | 37°40          |
| 33°00             | 32°04           | 37°70           | 34°65            | 73°05             | 44°26               | 97°75           | 35°35           | 44°97           | 38°40          |
| 21°87             | 24°30           | 26°58           | 23°94            | 70°84             | 33°83               | 89°09           | 24°55           | 35°19           | 29°53          |
| 17°90             | 19°18           | 25°41           | 19°36            | 67°14             | 29°02               | 84°71           | 19°54           | 30°94           | 24°17          |
| 20°93             | 19°54           | 27°10           | 22°16            | 68°09             | 31°78               | 85°03           | 22°27           | 30°48           | 24°80          |
| 22°27             | 22°11           | 28°45           | 23°26            | 68°87             | 32°26               | 85°26           | 22°59           | 31°47           | 23°47          |
| 22°90             | 22°02           | 29°20           | 24°21            | 69°22             | 33°44               | 86°20           | 24°32           | 34°01           | 27°20          |
| 14°10             | 15°97           | 20°42           | 15°91            | 71°97             | 23°53               | 80°58           | 15°07           | 24°85           | 19°43          |
| 15°17             | 12°39           | 22°45           | 14°92            | 72°01             | 22°83               | 79°46           | 14°53           | 23°66           | 18°00          |
| 21°20             | 17°20           | 26°56           | 21°03            | 68°70             | 30°85               | 84°17           | 21°32           | 31°29           | 24°00          |
| 22°67             | 21°89           | 29°26           | 24°21            | 71°13             | 32°77               | 85°46           | 23°15           | 32°90           | 25°87          |
| 727°51            | 727°19          | 733°64          | 728°90           | 671°05            | 738°14              | 691°73          | 729°02          | 738°72          | 731°64         |
| 740°1<br>3, 2     | 738°81<br>3, 2  | 747°04<br>3, 6  | 740°47<br>3, 6   | 676°44<br>8, 8 r. | 750°94<br>3, 11 r.  | 701°72<br>5, 9  | 741°11<br>3, 2  | 751°37<br>3, 1  | 743°6<br>3, 2  |
| 713°3<br>25, 8 w. | 711°01<br>27, 7 | 718°71<br>25, 1 | 713°11<br>26, 10 | 664°41<br>23, 2   | 720°64<br>26, 12 w. | 678°83<br>26, 9 | 713°04<br>25, 9 | 721°14<br>26, 9 | 717°3<br>26, 9 |



## Ciężnienie powietrza

Średnie

Luty 1877 roku.

Marzec 1877 r.

| Dzień          | Jaro-<br>sław   | Lwów            | Zło-<br>czów   | Brze-<br>żany    | Tarno-<br>nopol | Biół-<br>sko      | Ży-<br>wiec     | Wado-<br>wice   | Sucha          |
|----------------|-----------------|-----------------|----------------|------------------|-----------------|-------------------|-----------------|-----------------|----------------|
|                | 7. 1. 9         | 7. 2. 9         | 7. 2. 9        | 7. 2. 7          | 7. 2. 9         | 8. 2. 8           | 7. 2. 9         | 6. 1. 9         | 6. 2. 10       |
| 1              | 742.06          | 734.13          | 736.93         | 736.17           | 732.57          | 730.00            | 728.34          | 733.96          | 731.18         |
| 2              | 49.28           | 40.11           | 42.40          | 40.13            | 37.97           | 36.80             | 34.02           | 42.87           | 37.86          |
| 3              | 51.31           | 42.63           | 45.10          | 43.93            | 40.47           | 39.13             | 36.23           | 44.60           | 39.71          |
| 4              | 49.26           | 40.63           | 43.57          | 42.17            | 38.53           | 31.57             | 32.47           | 39.26           | 34.07          |
| 5              | 46.92           | 39.43           | 42.27          | 41.40            | 37.43           | 25.83             | 26.24           | 32.51           | 27.50          |
| 6              | 45.70           | 36.85           | 39.20          | 38.37            | 34.50           | 23.60             | 24.35           | 28.63           | 23.96          |
| 7              | 37.89           | 28.79           | 31.10          | 31.00            | 26.80           | 16.47             | 18.21           | 23.69           | 17.69          |
| 8              | 37.38           | 28.48           | 30.43          | 29.40            | 26.10           | 18.80             | 17.38           | 22.18           | 19.34          |
| 9              | 37.24           | 28.16           | 30.30          | 30.27            | 25.73           | 25.63             | 22.93           | 31.32           | 26.92          |
| 10             | 37.73           | 25.97           | 28.60          | 28.03            | 23.70           | 29.67             | 28.00           | 40.41           | 31.05          |
| 11             | 39.31           | 28.39           | 29.10          | 30.50            | 23.90           | 35.73             | 33.19           | 45.87           | 36.32          |
| 12             | 32.01           | 22.81           | 24.57          | 23.03            | 19.80           | 32.13             | 32.06           | 39.73           | 32.56          |
| 13             | 35.99           | 26.88           | 28.83          | 27.77            | 23.93           | 20.00             | 23.11           | 27.44           | 22.47          |
| 14             | 44.94           | 35.61           | 37.43          | 36.60            | 32.23           | 23.30             | 21.50           | 27.48           | 23.44          |
| 15             | 49.65           | 41.25           | 44.27          | 43.67            | 39.33           | 22.67             | 22.65           | 27.31           | 23.51          |
| 16             | 45.37           | 37.13           | 40.23          | 39.50            | 35.90           | 23.43             | 22.88           | 29.40           | 25.02          |
| 17             | 41.94           | 33.67           | 37.03          | 36.07            | 32.70           | 23.83             | 22.56           | 29.74           | 25.23          |
| 18             | 44.58           | 36.67           | 39.13          | 38.17            | 34.77           | 25.90             | 24.41           | 31.46           | 26.62          |
| 19             | 40.55           | 38.11           | 40.53          | 39.47            | 35.60           | 22.93             | 24.41           | 30.84           | 24.96          |
| 20             | 38.37           | 29.96           | 34.13          | 33.37            | 29.90           | 14.23             | 17.26           | 21.08           | 16.27          |
| 21             | 33.77           | 25.54           | 28.80          | 28.50            | 24.63           | 16.70             | 15.59           | 21.05           | 18.98          |
| 22             | 33.01           | 24.68           | 27.33          | 26.50            | 23.17           | 23.17             | 21.01           | 29.08           | 24.39          |
| 23             | 30.84           | 21.71           | 23.87          | 22.90            | 19.23           | 20.83             | 21.82           | 27.21           | 22.50          |
| 24             | 32.99           | 25.07           | 26.93          | 25.97            | 21.83           | 24.10             | 21.82           | 29.60           | 25.29          |
| 25             | 26.21           | 19.86           | 23.07          | 22.50            | 20.43           | 23.03             | 22.27           | 33.01           | 24.57          |
| 26             | 25.65           | 17.60           | 20.03          | 19.70            | 16.27           | 22.17             | 21.89           | 36.92           | 24.35          |
| 27             | 30.50           | 22.31           | 24.23          | 23.87            | 19.60           | 25.47             | 25.50           | 40.16           | 27.32          |
| 28             | 33.36           | 25.44           | 28.00          | 27.07            | 23.10           | 32.40             | 31.59           | 41.36           | 33.08          |
| 29             |                 |                 |                |                  |                 | 31.93             | 31.88           | 38.83           | 33.55          |
| 30             |                 |                 |                |                  |                 | 29.73             | 30.03           | 38.76           | 31.48          |
| 31             |                 |                 |                |                  |                 | 31.93             | 28.02           | 36.35           | 32.26          |
| Średnia        | 739.28          | 730.64          | 733.12         | 732.36           | 728.58          | 725.93            | 725.28          | 732.96          | 727.21         |
| Max.<br>d., g. | 751.83<br>3, 9  | 742.87<br>3, 2  | 745.5<br>3, 9  | 744.4<br>3, 7 w. | 740.8<br>3, 9   | 740.4<br>3, 8 r.  | 736.78<br>3, 9  | 746.75<br>11, 6 | 740.95<br>3, 6 |
| Min.<br>d., g. | 723.68<br>25, 9 | 716.99<br>26, 7 | 718.7<br>26, 7 | 719.4<br>26, 2   | 715.6<br>29, 7  | 714.0<br>20, 8 r. | 714.51<br>20, 2 | 719.32<br>21, 6 | 715.34<br>8, 6 |

w milimetrach.

dzienne.

| Kra-<br>ków | Poro-<br>nin | Jodło-<br>wnik | Boch-<br>nia | Stara-<br>wieś | Jaro-<br>sław | Lwów    | Zło-<br>czów | Brze-<br>żany | Tarno-<br>pol |
|-------------|--------------|----------------|--------------|----------------|---------------|---------|--------------|---------------|---------------|
| 6. 2. 10    | 7. 2. 9      | 7. 2. 9        | 7. 1. 9      | 7. 2. 9        | 7. 1. 9       | 7. 2. 9 | 7. 2. 9      | 7. 2. 7       | 7. 2. 9       |
| 741.25      | 690.87       | 731.46         | 739.41       | 733.27         | 740.96        | 731.43  | 733.60       | 732.17        | 728.60        |
| 47.76       | 98.77        | 38.06          | 47.89        | 39.77          | 48.02         | 37.73   | 40.17        | 37.97         | 34.13         |
| 50.02       | 700.50       | 40.36          | 49.81        | 41.87          | 40.94         | 39.49   | 41.00        | 39.60         | 34.57         |
| 43.34       | 695.81       | 33.71          | 44.14        | 35.27          | 43.74         | 31.83   | 33.27        | 31.03         | 26.80         |
| 37.60       | 91.48        | 28.36          | 38.91        | 31.67          | 39.42         | 30.00   | 31.97        | 30.67         | 26.87         |
| 34.75       | 88.77        | 25.45          | 35.67        | 30.10          | 37.84         | 29.75   | 33.03        | 32.17         | 28.90         |
| 26.86       | 82.36        | 17.74          | 25.30        | 22.40          | 30.55         | 23.26   | 26.57        | 25.63         | 22.70         |
| 28.59       | 81.23        | 18.57          | 28.40        | 21.17          | 28.15         | 19.77   | 21.97        | 22.23         | 16.90         |
| 36.44       | 87.40        | 26.76          | 35.81        | 28.80          | 37.41         | 27.92   | 30.33        | 28.93         | 24.93         |
| 40.85       | 90.89        | 31.25          | 40.66        | 31.33          | 39.59         | 28.37   | 29.60        | 27.93         | 23.33         |
| 46.87       | 96.99        | 37.25          | 47.05        | 38.87          | 46.61         | 36.80   | 38.80        | 37.73         | 33.13         |
| 42.62       | 95.77        | 33.60          | 44.21        | 35.97          | 44.53         | 34.38   | 37.63        | 36.10         | 32.43         |
| 31.72       | 85.97        | 22.09          | 33.45        | 26.57          | 34.84         | 27.07   | 30.13        | 28.77         | 25.87         |
| 33.79       | 87.06        | 24.51          | 33.89        | 27.93          | 34.86         | 26.28   | 29.33        | 28.57         | 24.93         |
| 32.05       | 86.18        | 23.20          | 32.87        | 25.50          | 32.74         | 24.50   | 27.27        | 26.30         | 22.93         |
| 33.94       | 87.51        | 25.11          | 34.82        | 28.60          | 36.12         | 28.23   | 30.99        | 30.20         | 26.87         |
| 34.46       | 88.50        | 25.52          | 35.00        | 28.83          | 36.19         | 27.91   | 30.50        | 29.67         | 26.13         |
| 36.56       | 89.56        | 26.96          | 36.82        | 29.87          | 37.50         | 28.57   | 31.40        | 29.87         | 26.53         |
| 34.71       | 89.38        | 25.77          | 36.71        | 30.10          | 38.88         | 31.10   | 34.30        | 32.53         | 28.60         |
| 25.21       | 82.81        | 16.65          | 26.61        | 21.53          | 29.18         | 22.37   | 25.40        | 24.97         | 21.87         |
| 26.62       | 81.94        | 17.65          | 27.26        | 21.33          | 28.86         | 20.91   | 23.73        | 23.53         | 19.83         |
| 33.89       | 88.45        | 24.89          | 34.16        | 28.23          | 35.92         | 28.48   | 30.73        | 29.37         | 25.90         |
| 31.73       | 86.72        | 22.18          | 33.15        | 26.33          | 34.30         | 27.22   | 30.27        | 29.50         | 26.40         |
| 35.21       | 87.44        | 25.61          | 35.64        | 28.30          | 36.01         | 27.31   | 29.47        | 28.57         | 24.53         |
| 34.80       | 87.94        | 25.65          | 35.74        | 29.93          | 37.67         | 29.96   | 32.53        | 31.00         | 27.67         |
| 33.92       | 88.59        | 24.87          | 34.84        | 30.03          | 38.34         | 31.40   | 34.80        | 33.53         | 30.50         |
| 36.66       | 90.91        | 27.71          | 36.68        | 32.30          | 40.68         | 33.48   | 36.43        | 35.97         | 32.67         |
| 42.97       | 97.05        | 34.20          | 43.05        | 37.20          | 45.15         | 37.24   | 39.63        | 39.13         | 35.47         |
| 42.53       | 98.15        | 34.20          | 44.15        | 37.10          | 44.40         | 36.68   | 39.37        | 38.60         | 34.97         |
| 40.36       | 95.77        | 31.59          | 41.46        | 33.80          | 42.07         | 32.47   | 35.07        | 34.10         | 30.37         |
| 42.91       | 95.65        | 33.12          | 42.41        | 35.07          | 42.71         | 35.50   | 36.10        | 35.33         | 31.27         |
| 736.80      | 690.21       | 727.55         | 737.29       | 730.61         | 738.49        | 729.92  | 723.43       | 731.34        | 727.63        |
| 752.02      | 700.68       | 741.36         | 750.76       | 742.5          | 751.00        | 740.42  | 742.2        | 741.2         | 737.1         |
| 3, 11 r.    | 3, 2         | 3, 7           | 3, 7         | 3, 7           | 3, 7          | 3, 7    | 3, 7         | 3, 7 r.       | 29, 7         |
| 723.51      | 678.96       | 714.44         | 716.28       | 718.0          | 725.22        | 717.53  | 720.2        | 719.3         | 715.6         |
| 21, 7 r.    | 8, 7         | 8, 7           | 7, 9         | 8, 7           | 8, 7          | 8, 7    | 3, 7         | 8, 7 r.       | 8, 7          |



**Ciąnienie powietrza**  
Średnie

Kwiecień 1877 r.

| Dzień          | Bielsko          | Żywiec          | Wadowice        | Sucha           | Zakopane          | Kraków             | Poronin         | Jodłownik       | Bochnia         |
|----------------|------------------|-----------------|-----------------|-----------------|-------------------|--------------------|-----------------|-----------------|-----------------|
|                | 8.2.8            | 7.2.9           | 6.1.9           | 6.2.10          | 8.2.8             | 6.2.10             | 7.2.9           | 7.2.9           | 7.1.9           |
| 1              | 725.87           | 725.77          | 732.76          | 726.80          | 672.83            | 736.40             | 691.91          | 727.21          | 727.45          |
| 2              | 23.87            | 23.85           | 30.28           | 25.65           | 73.05             | 35.59              | 88.70           | 25.38           | 35.07           |
| 3              | 30.40            | 28.79           | 36.15           | 30.44           | 72.48             | 40.57              | 93.17           | 31.48           | 40.98           |
| 4              | 28.43            | 28.84           | 35.40           | 29.17           | 71.74             | 40.34              | 94.32           | 31.54           | 43.06           |
| 5              | 23.67            | 27.32           | 30.98           | 26.08           | 73.43             | 35.37              | —               | 25.56           | 36.54           |
| 6              | 20.30            | 28.29           | 35.51           | 30.75           | 72.17             | 40.32              | 93.78           | 31.50           | 41.54           |
| 7              | 28.17            | 27.84           | 35.65           | 29.40           | 74.94             | 38.74              | 93.33           | 29.02           | 40.15           |
| 8              | 29.07            | 29.24           | 37.52           | 31.59           | —                 | 40.36              | 94.30           | 31.82           | 40.83           |
| 9              | 28.27            | 28.54           | 35.83           | 30.03           | 71.25             | 39.56              | 94.71           | 31.37           | 40.27           |
| 10             | 25.30            | 25.99           | 32.90           | 27.19           | 73.19             | 36.41              | 92.88           | 27.44           | 37.79           |
| 11             | 22.93            | 24.23           | 28.66           | 24.51           | —                 | 33.44              | 90.42           | 24.28           | 34.37           |
| 12             | 27.40            | 26.15           | 32.90           | 28.63           | 71.33             | 37.73              | 91.24           | —               | 35.40           |
| 13             | 31.50            | 29.99           | 38.92           | 32.54           | 72.78             | 42.21              | 94.48           | 33.01           | 44.13           |
| 14             | 29.77            | 30.30           | 36.21           | 31.02           | 74.13             | 40.97              | 93.94           | 31.66           | 42.70           |
| 15             | 34.00            | 30.96           | 39.57           | 34.07           | 72.53             | 43.93              | 95.30           | —               | 42.87           |
| 16             | 20.30            | 28.18           | 36.15           | 30.59           | 73.16             | 40.20              | 94.12           | 30.46           | 42.11           |
| 17             | 24.03            | 23.71           | 31.20           | 25.70           | 73.73             | 35.64              | 90.62           | 25.52           | 36.83           |
| 18             | 21.70            | 22.34           | 29.33           | 23.83           | 65.92             | 33.60              | 87.04           | 23.51           | 34.85           |
| 19             | 23.53            | 23.15           | 30.21           | 25.14           | 66.98             | 34.88              | 87.58           | 24.75           | 36.08           |
| 20             | 28.37            | 25.84           | 33.96           | 29.33           | 67.27             | 38.75              | 90.56           | 29.04           | 38.98           |
| 21             | 29.93            | 28.25           | 35.35           | 30.30           | 69.01             | 40.57              | 91.33           | 30.62           | 40.40           |
| 22             | 25.30            | 26.26           | 33.48           | 27.26           | 69.73             | 36.68              | 90.26           | 26.80           | 37.53           |
| 23             | 22.53            | 23.13           | 29.35           | 23.85           | 67.21             | 33.16              | 87.37           | 23.13           | 34.26           |
| 24             | 19.67            | 21.26           | 26.51           | 21.21           | —                 | 30.63              | 85.77           | 20.58           | 31.11           |
| 25             | 25.13            | 22.81           | 29.94           | 26.92           | 66.08             | 36.06              | 88.32           | —               | 36.64           |
| 26             | 30.30            | 28.02           | 35.78           | 31.61           | 73.16             | 41.42              | 93.91           | 32.06           | 42.16           |
| 27             | 29.87            | 28.61           | 35.38           | 31.05           | 73.19             | 41.14              | 94.62           | 31.99           | 43.29           |
| 28             | 27.77            | 25.97           | 33.03           | 27.64           | 70.61             | 37.08              | 92.56           | 27.62           | 38.67           |
| 29             | 24.87            | 24.41           | 31.63           | 25.90           | 70.82             | 35.45              | 90.93           | 25.84           | 36.74           |
| 30             | 24.63            | 24.78           | 30.10           | 26.06           | —                 | 35.06              | 90.44           | 25.70           | 35.98           |
| 31             |                  |                 |                 |                 |                   |                    |                 |                 |                 |
| Średnia        | 726.76           | 726.43          | 733.35          | 728.14          | 671.26            | 737.74             | 691.05          | 728.14          | 738.63          |
| Max.<br>d., g. | 734.6<br>15, 8w. | 731.82<br>15, 7 | 740.36<br>15, 1 | 734.81<br>15, 2 | 675.87<br>7, 2    | 744.76<br>15, 10w. | 695.79<br>15, 9 | 735.29<br>15, 9 | 745.56<br>13, 9 |
| Min.<br>d., g. | 719.5<br>24, 2   | 719.88<br>25, 7 | 725.93<br>24, 1 | 720.40<br>24, 2 | 662.47<br>24, 8w. | 729.51<br>24, 3w.  | 685.15<br>24, 7 | 720.06<br>24, 2 | 730.74<br>24, 1 |

**w milimetrach.**  
dziennie.

Maj 1877 r.

| Krynica         | Stara-<br>wieś | Jaro-<br>sław   | Lwów            | Złoc-<br>zów   | Brze-<br>żany     | Tarno-<br>pol  | Bielsko        | Ży-<br>wiec       | Wado-<br>wice   |
|-----------------|----------------|-----------------|-----------------|----------------|-------------------|----------------|----------------|-------------------|-----------------|
| 6.2.9           | 7.2.9          | 7.1.9           | 7.2.9           | 7.2.9          | 7.2.7             | 7.2.9          | 8.2.8          | 7.2.9             | 6.1.9           |
| —               | 729.77         | 737.32          | 729.63          | 732.47         | 731.70            | 727.77         | 729.17         | 627.01            | 733.75          |
| —               | 27.20          | 35.38           | 26.42           | 28.53          | 27.53             | 23.83          | 33.00          | 31.52             | 36.05           |
| —               | 33.27          | 40.03           | 31.62           | 33.40          | 32.70             | 27.60          | 31.07          | 30.69             | 38.65           |
| —               | 36.07          | 45.07           | 37.40           | 39.00          | 37.73             | 33.63          | 30.20          | 29.74             | 36.03           |
| 705.89          | 30.97          | 40.68           | 33.09           | 36.77          | 35.33             | 32.60          | 26.93          | 27.69             | 33.91           |
| 8.17            | 33.83          | 42.33           | 34.03           | 37.07          | 36.10             | 32.37          | 25.43          | 25.09             | 32.08           |
| 7.43            | 32.43          | 40.94           | 32.50           | 35.43          | 34.73             | 31.10          | 28.27          | 26.96             | 34.43           |
| 8.58            | 33.57          | 41.11           | 32.40           | 34.57          | 33.33             | 29.33          | 26.83          | 26.33             | 33.96           |
| 9.75            | 34.87          | 42.95           | 34.85           | 37.83          | 36.70             | 35.27          | 21.77          | 21.73             | 30.12           |
| 7.90            | 31.37          | 40.07           | 31.92           | 35.40          | 33.70             | 31.10          | 22.27          | 21.93             | 28.88           |
| 3.89            | 28.37          | 36.41           | 29.13           | 32.30          | 30.97             | 28.23          | 25.63          | 24.57             | 31.57           |
| 5.47            | 29.70          | 37.06           | 28.13           | 31.03          | 29.67             | 26.17          | 26.83          | —                 | 33.17           |
| 8.44            | 34.67          | 41.99           | 32.44           | 33.90          | 32.30             | 27.87          | 24.63          | —                 | 33.21           |
| 8.33            | 33.80          | 41.91           | 32.60           | 35.10          | 33.40             | 29.57          | 28.63          | —                 | 36.26           |
| 9.50            | 35.30          | 45.07           | 33.78           | 36.30          | 34.87             | 30.83          | 27.70          | —                 | 31.52           |
| 8.62            | 32.40          | 40.22           | 30.89           | 33.57          | 32.10             | 28.47          | 30.37          | 29.52             | 36.71           |
| 3.68            | 28.87          | 37.59           | 29.06           | 31.70          | 30.53             | 26.70          | 32.83          | 32.06             | 39.35           |
| 3.55            | 26.60          | 35.41           | 26.20           | 28.63          | 27.07             | 23.67          | 28.50          | 29.56             | 36.35           |
| 2.67            | 27.67          | 35.36           | 26.45           | 28.67          | 27.91             | 22.93          | 24.37          | 25.93             | 31.91           |
| 3.84            | 31.03          | 38.30           | 30.12           | 32.53          | 31.30             | 27.70          | 22.67          | 21.91             | 28.14           |
| 3.95            | 31.63          | 40.04           | 30.14           | 32.47          | 30.67             | 26.87          | 26.27          | 24.57             | 31.91           |
| 3.98            | 28.07          | 35.29           | 25.22           | 27.00          | 25.80             | 21.33          | 29.73          | 28.25             | 33.84           |
| 2.03            | 25.63          | 32.68           | 23.41           | 24.73          | 24.23             | 19.37          | 29.97          | 29.08             | 35.17           |
| 699.10          | 23.63          | 31.15           | 22.40           | 24.80          | 23.80             | 19.93          | 31.57          | 29.76             | 37.23           |
| 703.53          | 29.10          | 34.16           | 27.62           | 29.67          | 28.23             | 24.57          | 33.50          | 31.84             | 40.27           |
| 8.40            | 34.40          | 43.09           | 33.43           | 35.10          | 33.40             | 29.53          | 33.20          | 31.95             | 40.54           |
| 9.73            | 35.10          | 41.60           | 33.79           | 36.07          | 34.20             | 31.12          | 32.70          | 32.17             | 39.44           |
| 7.65            | 31.67          | 39.81           | 35.02           | 34.53          | 33.40             | 30.07          | 29.83          | 30.53             | 38.90           |
| 5.78            | 29.53          | 37.93           | 30.33           | 33.30          | 31.97             | 29.30          | 27.13          | 28.14             | 35.11           |
| 5.22            | 28.40          | 35.46           | 28.58           | 31.47          | 30.33             | 27.37          | 26.63          | 26.13             | 33.82           |
|                 |                |                 |                 |                |                   |                | 29.10          | 28.95             | 36.64           |
| 705.99          | 730.96         | 738.81          | 730.42          | 732.78         | 731.52            | 727.81         | 728.28         | 727.94            | 734.90          |
| 711.53<br>15, 2 | 737.0<br>4, 7  | 745.48<br>4, 1  | 737.89<br>4, 7  | 739.7<br>4, 9  | 738.3<br>4, 2     | 734.1<br>4, 9  | 734.0<br>17, 2 | 733.03<br>17, 219 | 741.20<br>25, 9 |
| 698.77<br>24, 6 | 723.2<br>24, 7 | 730.06<br>24, 7 | 721.20<br>24, 7 | 723.3<br>24, 7 | 722.4<br>24, 7 r. | 717.5<br>24, 7 | 721.2<br>9, 2  | 720.94<br>20, 712 | 727.87<br>20, 1 |



## Ciężenie powietrza

Średnia

Maj 1877 roku.

| Dzień          | Sucha           | Zako-<br>pane      | Kra-<br>ków        | Poro-<br>nin    | Jodłó-<br>wnik  | Boch-<br>nia    | Kry-<br>nica    | Tar-<br>nów     | Stara-<br>wieś |
|----------------|-----------------|--------------------|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|
|                | 6. 2. 10        | 8. 2. 8            | 6. 2. 10           | 7. 2. 9         | 7. 2. 9         | 7. 1. 9         | 6. 2. 9         | 7. 2. 9         | 7. 2. 9        |
| 1              | 729'81          | 671'47             | 730'32             | 691'03          | 729'78          | 739'14          | 706'59          | —               | 731'20         |
| 2              | 34'02           | 73'34              | 43'43              | 95'86           | 33'93           | 43'29           | 10'43           | —               | 35'53          |
| 3              | 32'51           | 71'79              | 41'83              | 95'45           | 32'51           | 43'33           | 10'70           | —               | 34'70          |
| 4              | 31'29           | 69'92              | 40'63              | 91'32           | —               | 42'29           | 9'30            | —               | 33'93          |
| 5              | 28'63           | —                  | 38'14              | 92'45           | —               | 39'87           | 7'88            | —               | 32'57          |
| 6              | 27'12           | 69'32              | 36'63              | 90'08           | —               | 37'44           | 4'95            | —               | 28'93          |
| 7              | 30'21           | 70'39              | 39'79              | 92'02           | —               | 41'43           | 7'65            | —               | 33'30          |
| 8              | 28'38           | 71'18              | 37'99              | 91'75           | —               | 40'05           | 8'60            | —               | 32'90          |
| 9              | 23'40           | 68'72              | 32'47              | 88'32           | 22'88           | 33'85           | 3'48            | —               | 27'10          |
| 10             | 23'24           | 66'29              | 32'33              | 88'14           | 22'88           | 32'69           | 2'52            | —               | 25'73          |
| 11             | 27'44           | —                  | 36'21              | 90'28           | 27'03           | 36'75           | 4'20            | —               | 30'03          |
| 12             | 28'20           | 68'63              | 37'35              | 92'59           | 28'84           | 38'71           | 7'49            | —               | 32'13          |
| 13             | 27'55           | 70'93              | 36'04              | 91'86           | 27'14           | 37'30           | 7'31            | —               | 30'60          |
| 14             | 30'57           | 75'87              | 39'64              | 94'03           | 31'25           | 40'28           | 8'58            | —               | 33'50          |
| 15             | 29'83           | 74'04              | 38'63              | 94'17           | 30'08           | 40'15           | 8'87            | —               | 32'83          |
| 16             | 31'43           | 72'78              | 40'14              | 94'80           | 31'23           | 39'68           | 8'44            | —               | 31'60          |
| 17             | 34'52           | 73'14              | 43'42              | 95'70           | 34'09           | 43'35           | 10'56           | 741'47          | 34'60          |
| 18             | 30'12           | 73'02              | 39'46              | 94'71           | 30'48           | 40'84           | 8'47            | 38'75           | 31'80          |
| 19             | 26'08           | 69'94              | 35'03              | 90'73           | 25'70           | 35'53           | 4'05            | 33'52           | 26'57          |
| 20             | 23'53           | —                  | 32'64              | 87'15           | 23'11           | 34'85           | 1'93            | 31'33           | 25'60          |
| 21             | 27'08           | —                  | 36'28              | 89'51           | 27'10           | 36'45           | 4'03            | 34'34           | 28'57          |
| 22             | 30'37           | 71'76              | 39'29              | 92'99           | 30'35           | 39'04           | 6'07            | 36'76           | 30'90          |
| 23             | 31'16           | 72'19              | 40'32              | 93'72           | 31'46           | 40'36           | 8'22            | 38'82           | 32'90          |
| 24             | 32'42           | 73'28              | 42'04              | 94'94           | 32'94           | 41'68           | 9'39            | 40'60           | 34'40          |
| 25             | 34'72           | 78'10              | 44'62              | 97'07           | 35'49           | 43'01           | 12'14           | 41'68           | 37'43          |
| 26             | 34'11           | 75'58              | 43'57              | 97'01           | 34'59           | 44'83           | 12'53           | 42'78           | 36'60          |
| 27             | 34'29           | 77'90              | 43'91              | 97'35           | 34'90           | 42'53           | 12'71           | 42'60           | 36'97          |
| 28             | 31'97           | 75'94              | 41'17              | 96'62           | 32'56           | 41'55           | 12'01           | 41'03           | 36'13          |
| 29             | 29'47           | 76'18              | 39'41              | 95'81           | 31'18           | 40'87           | 10'88           | 39'15           | 34'87          |
| 30             | 28'52           | 72'26              | 37'79              | 93'87           | 29'06           | 38'71           | 9'48            | 37'21           | 33'17          |
| 31             | 31'79           | 74'32              | 40'87              | 95'61           | 32'44           | —               | 9'95            | 40'14           | 35'13          |
| Średnia        | 729'80          | 672'53             | 739'04             | 693'25          | 730'12          | 739'73          | 708'05          | 738'68          | 732'33         |
| Max.<br>d., g. | 735'29<br>17, 2 | 678'96<br>25, 8 w. | 745'20<br>23, 9 r. | 697'46<br>28, 7 | 735'74<br>25, 7 | 745'16<br>26, 7 | 713'49<br>27, 9 | 743'41<br>25, 7 | 737'5<br>25, 9 |
| Min.<br>d., g. | 722'18<br>20, 6 | 664'64<br>20, 8 r. | 730'86<br>9, 6 w.  | 686'61<br>20, 7 | 721'73<br>20, 7 | 730'73<br>10, 7 | 701'25<br>20, 6 | 730'28<br>20, 7 | 724'6<br>10, 7 |

w millimetrach.

dziennie.

Czerwiec 1877 roku.

| Jaro-<br>sław   | Lwów            | Stani-<br>sław-<br>ów | Zło-<br>czów   | Brze-<br>żany     | Tarno-<br>pol      | Biels-<br>ko      | Ży-<br>wiec     | Wado-<br>wice   | Sucha           |
|-----------------|-----------------|-----------------------|----------------|-------------------|--------------------|-------------------|-----------------|-----------------|-----------------|
| 7. 1. 9         | 7. 2. 9         | 7. 2. 9               | 7. 2. 9        | 7. 2. 7           | 7. 2. 9            | 8. 2. 8           | 7. 2. 9         | 6. 2. 10        | 6. 2. 10        |
| 738'35          | 729'34          | 731'70                | 731'53         | 730'10            | 726'87             | 731'70            | —               | 738'31          | 733'05          |
| 42'54           | 33'58           | 36'07                 | 35'23          | 33'93             | 29'20              | 35'43             | —               | 40'41           | 35'78           |
| 42'09           | 33'43           | 36'57                 | 35'53          | 34'33             | 30'87              | 37'07             | —               | 44'45           | 38'69           |
| 41'29           | 32'87           | 36'30                 | 35'33          | 34'17             | 29'93              | 35'57             | —               | 42'44           | 37'25           |
| 41'03           | 33'48           | 36'17                 | 36'40          | 34'43             | 31'97              | 35'43             | —               | 42'89           | 37'20           |
| 36'47           | 27'61           | 30'13                 | 30'00          | 28'17             | 25'40              | 34'83             | 735'08          | 41'76           | 35'78           |
| 40'90           | 32'62           | 35'27                 | 34'73          | 33'43             | 29'13              | 37'67             | 36'21           | 42'41           | 38'90           |
| 41'60           | 34'58           | 37'67                 | 37'63          | 36'20             | 33'30              | 37'83             | 37'59           | 45'35           | 30'17           |
| 36'61           | 27'89           | 31'03                 | 31'20          | 30'20             | 30'70              | 35'37             | 37'37           | 42'21           | 36'67           |
| 32'60           | 24'44           | 27'70                 | 26'77          | 25'83             | 21'87              | 37'07             | 35'42           | 44'90           | 38'51           |
| 36'85           | 29'70           | 33'27                 | 32'30          | 30'47             | 27'43              | 35'60             | 36'17           | 43'90           | 36'98           |
| 39'05           | 32'57           | 36'20                 | 34'97          | 33'93             | 30'97              | 32'00             | 32'38           | 39'62           | 32'51           |
| 38'03           | 31'51           | 35'33                 | 34'33          | 33'33             | 30'20              | 26'60             | 27'73           | 32'54           | 29'17           |
| 39'97           | 33'28           | 36'57                 | 35'70          | 34'70             | 31'00              | 32'63             | 31'02           | 38'76           | 33'84           |
| 40'55           | 32'93           | 35'97                 | 35'33          | 33'83             | 31'37              | 34'93             | 34'18           | 40'54           | 36'28           |
| 38'24           | 30'24           | 32'57                 | 32'80          | 31'23             | 28'27              | 37'30             | 36'28           | 43'99           | 38'58           |
| 41'12           | 31'81           | 33'73                 | 33'40          | 31'87             | 27'73              | 38'27             | 36'37           | 45'80           | 39'62           |
| 38'71           | 28'18           | 30'43                 | 29'90          | 27'90             | 24'50              | 37'40             | 37'25           | 44'74           | 39'08           |
| 33'56           | 24'34           | 26'97                 | 26'23          | 24'70             | 21'63              | 35'53             | 35'94           | 42'39           | 36'71           |
| 32'81           | 24'74           | 27'33                 | 27'57          | 25'97             | 22'63              | 31'40             | 31'20           | 38'83           | 32'67           |
| 35'27           | 26'60           | 29'03                 | 28'63          | 26'97             | 23'53              | 30'13             | 31'20           | 36'08           | 30'78           |
| 37'21           | 27'55           | 29'87                 | 28'90          | 27'57             | 22'87              | 29'83             | 29'31           | 36'13           | 31'43           |
| 39'55           | 31'12           | 34'00                 | 33'17          | 31'30             | 27'87              | 29'17             | 29'29           | 35'40           | 30'48           |
| 41'73           | 33'11           | 35'40                 | 35'07          | 33'40             | 29'53              | 30'17             | 29'71           | 37'66           | 32'04           |
| 45'47           | 36'62           | 39'43                 | 39'23          | 37'70             | 33'60              | —                 | 29'11           | 40'16           | 35'20           |
| 44'21           | 35'97           | 39'17                 | 38'63          | 37'30             | 33'97              | 35'67             | 34'54           | 42'51           | 36'62           |
| 44'07           | 35'78           | 38'97                 | 37'87          | 37'17             | 32'37              | 34'67             | 34'27           | 39'46           | 36'17           |
| 43'89           | 36'28           | 39'93                 | 39'03          | 37'60             | 34'23              | 34'50             | 33'57           | 39'26           | 35'51           |
| 42'39           | 35'43           | 39'23                 | 38'37          | 37'17             | 34'13              | 36'67             | 35'63           | 42'66           | 38'38           |
| 41'64           | 34'59           | 38'47                 | 37'50          | 36'33             | 33'13              | 30'90             | 38'42           | 45'15           | 40'11           |
| 42'70           | 34'74           | 38'13                 | 37'47          | 37'00             | 33'03              | —                 | —               | —               | —               |
| 739'72          | 731'51          | 734'47                | 733'90         | 732'52            | 729'14             | 734'46            | 733'81          | 741'02          | 735'77          |
| 745'54<br>25, 1 | 737'18<br>25, 9 | 740'9<br>28, 7        | 739'9<br>25, 9 | 738'4<br>25, 7 w. | 734'7<br>28, 12 w. | 739'9<br>30, 8 r. | 739'19<br>9, 7  | 746'07<br>17, 6 | 741'11<br>30, 6 |
| 731'91<br>10, 7 | 723'62<br>10, 7 | 726'7<br>10, 7        | 725'6<br>19, 2 | 723'9<br>19, 7 w. | 721'0<br>10, 7     | 726'2<br>13, 8 r. | 726'92<br>13, 7 | 731'99<br>13, 2 | 728'36<br>13, 2 |



## Ciężnienie powietrza

Średnie

Czerwiec 1877 roku.

| Dzień          | Zako-<br>panc     | Kra-<br>ków        | Rabka            | Poro-<br>nin    | Jodło-<br>wiuk  | Boch-<br>nia    | Kry-<br>nica    | Tar-<br>nów     | Stara-<br>wieś |
|----------------|-------------------|--------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|
|                | 8. 2. 8           | 6. 2. 10           | 7. 2. 10         | 7. 2. 9         | 7. 2. 9         | 7. 1. 9         | 6. 2. 9         | 7. 2. 9         | 7. 2. 9        |
| 1              | 676'99            | 742'41             | —                | 696'92          | 733'66          | —               | 710'90          | 740'68          | 736'20         |
| 2              | 74'13             | 45'51              | —                | 98'79           | 36'69           | —               | 12'44           | 43'27           | 37'70          |
| 3              | 81'12             | 47'96              | —                | 703'63          | 39'15           | —               | 16'00           | 47'34           | 41'67          |
| 4              | 81'28             | 46'16              | —                | 02'92           | 37'23           | —               | 16'34           | 45'76           | 40'93          |
| 5              | 84'75             | 46'28              | —                | 03'12           | 37'77           | 746'74          | 16'34           | 45'41           | 40'73          |
| 6              | 83'79             | 45'37              | —                | 02'19           | 37'05           | 46'88           | 16'07           | 44'60           | 39'73          |
| 7              | 81'54             | 47'70              | —                | 02'80           | 39'21           | 48'14           | 15'73           | 43'89           | 40'77          |
| 8              | 82'27             | 48'85              | —                | 04'02           | 40'36           | 50'26           | 17'76           | 47'40           | 42'20          |
| 9              | 80'60             | 45'87              | —                | 02'71           | 37'51           | 46'75           | 16'79           | 44'69           | 39'77          |
| 10             | —                 | 47'88              | —                | 02'83           | 39'60           | 49'07           | 16'54           | 46'04           | 41'23          |
| 11             | 82'30             | 46'14              | 721'69           | 02'58           | 37'79           | 47'34           | 16'97           | 45'09           | 40'20          |
| 12             | 82'48             | 42'03              | 18'32            | 699'90          | 38'82           | 43'36           | 14'62           | 41'47           | 36'73          |
| 13             | 73'98             | 36'83              | 13'44            | 94'59           | 28'18           | 39'17           | 8'53            | 35'49           | 30'40          |
| 14             | 74'75             | 42'75              | 18'19            | 96'44           | 34'23           | 43'14           | 9'73            | 39'99           | 35'03          |
| 15             | 79'34             | 45'25              | 18'83            | 98'70           | 36'92           | 46'91           | 12'10           | 42'26           | 38'17          |
| 16             | 77'83             | 47'43              | 22'62            | 700'75          | 38'99           | 48'32           | 14'96           | 45'76           | 40'60          |
| 17             | —                 | 49'09              | 24'15            | 02'12           | 39'78           | 49'97           | 16'20           | 47'43           | 42'50          |
| 18             | 81'80             | 47'79              | 23'27            | 02'44           | 39'30           | 49'30           | 16'27           | 46'76           | 41'60          |
| 19             | 83'04             | 45'57              | 21'59            | 01'65           | 37'25           | 47'11           | 15'55           | 44'67           | 39'50          |
| 20             | 76'84             | 41'34              | 17'95            | 698'68          | 32'65           | 42'39           | 13'63           | 40'37           | 35'03          |
| 21             | 75'69             | 39'43              | 15'68            | 96'06           | 31'46           | 40'60           | 9'93            | 37'88           | 33'07          |
| 22             | 73'89             | 40'05              | 16'17            | 96'26           | 31'72           | 42'14           | 9'77            | 39'06           | 34'83          |
| 23             | —                 | 38'99              | 15'65            | 95'63           | 31'02           | 40'80           | 9'84            | 38'24           | 33'57          |
| 24             | 74'38             | 40'03              | 15'89            | 95'97           | 31'72           | 41'32           | 9'88            | 38'93           | 34'17          |
| 25             | 78'94             | 43'61              | 19'50            | 97'33           | 34'81           | 44'71           | 11'06           | 42'96           | 36'40          |
| 26             | 79'57             | 46'13              | 21'57            | 99'49           | 37'54           | 47'24           | 13'18           | 45'18           | 39'67          |
| 27             | 78'87             | 45'22              | 20'71            | 99'83           | 36'73           | 46'68           | 13'74           | 44'70           | 39'43          |
| 28             | 74'77             | 44'46              | 19'94            | 99'62           | 35'45           | 45'59           | 13'47           | 43'01           | 38'03          |
| 29             | —                 | 47'06              | —                | 700'89          | 38'35           | 47'38           | 14'28           | 44'67           | 40'03          |
| 30             | 83'31             | 48'57              | —                | 03'30           | 40'27           | 50'21           | 16'27           | 47'92           | 42'23          |
| 31             | —                 | —                  | —                | —               | —               | —               | —               | —               | —              |
| Średnia        | 679'16            | 744'73             | 719'18           | 700'07          | 736'21          | 745'83          | 713'83          | 743'43          | 738'40         |
| Max.<br>d., g. | 685'41<br>5, 8 r. | 750'42<br>8, 7 r.  | 724'42<br>17, 7  | 704'32<br>3, 7  | 741'36<br>8, 7  | 751'53<br>8, 7  | 718'08<br>8, 2  | 748'50<br>30, 7 | 743'6<br>8, 7  |
| Min.<br>d., g. | 671'04<br>2, 2    | 736'43<br>13, 1 w. | 712'92<br>13, 10 | 693'46<br>13, 9 | 727'44<br>13, 9 | 737'67<br>13, 1 | 707'86<br>13, 9 | 734'65<br>13, 9 | 729'5<br>13, 9 |

## w milimetrach.

dziennie.

Lipiec 1877 roku.

| Jaro-<br>sław | Lwów    | Stani-<br>sła-<br>wów | Zło-<br>czów | Brze-<br>żany | Tarno-<br>pol | Bieli-<br>sko | Ży-<br>wiec | Wado-<br>wice | Sucha    |
|---------------|---------|-----------------------|--------------|---------------|---------------|---------------|-------------|---------------|----------|
| 7. 1. 9       | 7. 2. 9 | 7. 2. 9               | 7. 2. 9      | 7. 2. 7       | 7. 2. 9       | 8. 2. 8       | 7. 2. 9     | 6. 1. 9       | 6. 2. 10 |
| 744'01        | 735'49  | 738'20                | 737'87       | 736'40        | 732'97        | 735'23        | 734'99      | 743'75        | 736'44   |
| 45'18         | 37'35   | 39'70                 | 39'60        | 38'20         | 34'67         | 30'13         | 31'70       | 40'59         | 32'56    |
| 49'67         | 41'07   | 43'90                 | 43'57        | 42'03         | 37'23         | 29'73         | 29'08       | 38'51         | 30'91    |
| 48'96         | 40'03   | 44'03                 | 43'93        | 42'50         | 39'03         | 31'60         | 30'69       | 34'81         | 34'14    |
| 48'44         | 40'81   | 43'67                 | 43'57        | 42'07         | 39'13         | 33'67         | 33'44       | 34'50         | 35'15    |
| 47'79         | 40'19   | 42'93                 | 43'37        | 42'10         | 38'50         | 33'17         | 32'69       | 37'41         | 34'38    |
| 48'18         | 40'19   | 43'30                 | 42'93        | 41'90         | 38'43         | 31'53         | 31'70       | 40'50         | 32'15    |
| 50'18         | 41'53   | 43'93                 | 43'93        | 41'30         | 38'67         | 34'23         | 34'38       | 37'25         | 35'74    |
| 48'48         | 39'70   | 42'50                 | 42'47        | 41'00         | 36'87         | 35'83         | 35'96       | 33'46         | 37'79    |
| 48'66         | 40'60   | 43'17                 | 42'97        | 41'30         | 37'97         | 34'83         | 34'79       | 32'85         | 36'96    |
| 48'12         | 39'79   | 42'40                 | 42'33        | 40'90         | 37'37         | 34'73         | 34'00       | 34'90         | 35'85    |
| 43'93         | 36'39   | 39'43                 | 38'87        | 37'57         | 34'07         | 32'17         | 32'44       | 37'25         | 33'91    |
| 37'38         | 30'03   | 33'13                 | 32'30        | 31'40         | 27'93         | 30'23         | 30'59       | 39'06         | 32'06    |
| 40'70         | 33'17   | 35'07                 | 34'57        | 33'17         | 29'57         | 28'33         | 28'11       | 42'06         | 29'52    |
| 45'38         | 36'82   | 39'80                 | 39'30        | 37'50         | 33'70         | 24'73         | 24'53       | 41'51         | 25'97    |
| 48'02         | 39'71   | 42'43                 | 42'07        | 40'37         | 36'73         | 24'13         | 23'35       | 34'99         | 25'72    |
| 49'65         | 41'69   | 44'23                 | 43'77        | 42'43         | 38'67         | 28'30         | 26'80       | 32'92         | 29'78    |
| 48'42         | 40'32   | 43'03                 | 42'43        | 41'13         | 37'67         | 26'77         | 26'65       | 33'51         | 28'29    |
| 46'57         | 38'17   | 41'13                 | 40'37        | 39'50         | 35'50         | 27'63         | 27'19       | 34'20         | 28'81    |
| 42'03         | 34'62   | 37'63                 | 36'47        | 35'77         | 31'97         | 29'90         | 27'96       | 36'32         | 31'07    |
| 39'92         | 31'63   | 34'70                 | 34'07        | 32'30         | 29'00         | 31'73         | 30'82       | 39'10         | 32'62    |
| 42'76         | 34'93   | 38'03                 | 37'87        | 36'10         | 23'40         | 34'10         | 31'93       | 40'32         | 35'17    |
| 41'22         | 33'70   | 37'37                 | 36'30        | 35'30         | 32'33         | 32'47         | 32'31       | 41'36         | 34'05    |
| 41'41         | 33'60   | 36'60                 | 36'07        | 34'60         | 31'43         | 30'70         | 31'00       | 43'84         | 32'76    |
| 43'37         | 34'79   | 37'23                 | 36'70        | 35'37         | 31'50         | 27'83         | 29'42       | 40'21         | 29'90    |
| 46'83         | 39'08   | 41'73                 | 41'10        | 40'13         | 36'13         | 32'17         | 29'67       | 36'75         | 32'42    |
| 45'74         | 39'09   | 42'03                 | 41'70        | 40'30         | 36'90         | 30'17         | 30'05       | 38'38         | 31'97    |
| 45'52         | 37'22   | 39'13                 | 39'63        | 38'27         | 35'20         | 33'87         | 32'51       | 42'24         | 34'95    |
| 46'91         | 38'04   | 40'50                 | 39'87        | 39'17         | 35'37         | 36'10         | 35'02       | 42'87         | 37'09    |
| 49'63         | 40'77   | 43'27                 | 42'47        | 40'73         | 37'00         | 36'13         | 35'45       | 41'79         | 37'50    |
| 745'77        | 737'71  | 740'47                | 740'08       | 738'69        | 735'18        | 731'50        | 731'09      | 738'22        | 732'98   |
| 751'21        | 742'12  | 744'7                 | 744'2        | 743'3         | 739'9         | 736'6         | 737'07      | 744'65        | 738'85   |
| 8, 7          | 17, 7   | 17, 7                 | 4, 7         | 6, 7 r.       | 5, 7          | 9, 8 w.       | 1, 7        | 1, 1          | 9, 10    |
| 736'66        | 728'76  | 731'8                 | 731'2        | 730'2         | 726'7         | 723'1         | 722'88      | 731'29        | 725'14   |
| 13, 9         | 13, 9   | 13, 9                 | 13, 9        | 13, 2         | 13, 9         | 16, 8 r.      | 16, 7       | 10, 6         | 16, 2    |



Ciśnienie powietrza  
Średnie

Lipiec 1877 roku.

| Dzień          | Zako-<br>pane      | Kra-<br>ków        | Rabka           | Poronin         | Jodłownik       | Bochnia         | Krynica         | Tarnów          | Stara-<br>wieś |
|----------------|--------------------|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|
|                | 8. 2. 8            | 6. 2. 10           | 7. 2. 10        | 7. 2. 9         | 7. 2. 9         | 7. 1. 9         | 5. 2. 9         | 7. 2. 9         | 7. 2. 9        |
| 1              | 681'76             | 745'72             | —               | 702'61          | 737'35          | 747'24          | 716'11          | 745'35          | 739'90         |
| 2              | 80'27              | 41'09              | 717'40          | 699'00          | 33'14           | 42'52           | 13'18           | 40'43           | 35'90          |
| 3              | 75'24              | 39'79              | 16'01           | 96'99           | 31'52           | 40'56           | 11'71           | 39'05           | 34'27          |
| 4              | 74'43              | 41'00              | 17'05           | 96'31           | 32'31           | 41'39           | 10'83           | 39'69           | 33'87          |
| 5              | 74'29              | 44'20              | 20'18           | 99'08           | 36'13           | 44'92           | 12'34           | 42'49           | 38'27          |
| 6              | 78'38              | 43'69              | 19'31           | 99'31           | 35'24           | 45'01           | 12'44           | 42'55           | 37'63          |
| 7              | 78'21              | 41'66              | 18'36           | 98'40           | 33'84           | 43'67           | 12'14           | 40'90           | 36'30          |
| 8              | 79'96              | 44'75              | 20'08           | 99'04           | 35'90           | 45'60           | 12'66           | 42'72           | 38'13          |
| 9              | 80'65              | 46'46              | 20'28           | 700'28          | 38'13           | 47'10           | 13'56           | 44'00           | 36'30          |
| 10             | 76'18              | 45'96              | 21'28           | 00'84           | 37'23           | 47'32           | 13'94           | 44'42           | 39'40          |
| 11             | 79'16              | 44'54              | 20'10           | 00'21           | 35'96           | 46'08           | 13'40           | 43'84           | 37'93          |
| 12             | 78'60              | 42'99              | 18'60           | 699'49          | 35'04           | 44'58           | 13'59           | 42'23           | 37'13          |
| 13             | 81'44              | 41'24              | 17'13           | 98'32           | 33'10           | 42'75           | 12'77           | 41'02           | 36'17          |
| 14             | 75'47              | 37'93              | 14'37           | 95'47           | 29'65           | 39'50           | 0'37            | 36'91           | 32'33          |
| 15             | 73'36              | 35'17              | 11'67           | 92'88           | 26'47           | 36'50           | 6'98            | 34'91           | 29'70          |
| 16             | 73'30              | 34'20              | 10'62           | 91'41           | 25'23           | 34'85           | 6'21            | 33'36           | 29'30          |
| 17             | 74'02              | 38'19              | 14'06           | 93'49           | 29'74           | 38'96           | 7'27            | 36'44           | 32'07          |
| 18             | 72'29              | 36'77              | 12'97           | 92'99           | 28'50           | 38'41           | 7'04            | 36'24           | 30'30          |
| 19             | 73'64              | 37'17              | —               | 92'74           | 28'38           | 38'09           | 6'93            | 35'61           | 29'80          |
| 20             | 73'91              | 40'28              | 15'71           | 94'43           | 31'32           | 40'61           | 8'19            | 37'85           | 32'93          |
| 21             | 75'76              | 41'75              | 17'59           | 96'29           | 32'87           | 42'77           | 9'68            | 39'52           | 34'93          |
| 22             | —                  | 43'76              | 19'72           | 98'72           | 35'47           | 44'88           | 11'91           | 42'16           | 37'23          |
| 23             | 81'31              | 43'01              | 18'86           | 98'09           | 34'43           | 44'52           | 12'44           | 42'80           | 37'27          |
| 24             | 78'78              | 41'20              | 17'48           | 98'60           | 32'83           | 42'69           | 12'37           | 41'28           | 36'40          |
| 25             | —                  | 38'39              | —               | 96'17           | 30'17           | 39'87           | 11'42           | —               | 34'27          |
| 26             | 76'27              | 41'75              | 18'09           | 96'97           | 33'23           | 43'02           | 11'58           | —               | 35'07          |
| 27             | 75'31              | 40'81              | 16'48           | —               | 32'40           | 41'28           | 11'13           | —               | 34'30          |
| 28             | —                  | 43'67              | 19'38           | 98'09           | 34'90           | 44'52           | 11'87           | —               | 36'70          |
| 29             | 79'11              | 46'25              | 21'77           | —               | 37'70           | 47'35           | 13'18           | —               | 39'23          |
| 30             | 78'15              | 45'78              | —               | 700'98          | 37'23           | 47'06           | 14'28           | —               | 39'47          |
| 31             | 81'51              | 45'41              | 21'64           | 00'77           | 36'89           | 46'69           | 14'10           | —               | 39'37          |
| Średnia        | 677'17             | 741'76             | 717'64          | 697'52          | 733'30          | 742'91          | 711'44          | 740'24          | 735'64         |
| Max.<br>d., g. | 683'68<br>2, 8 r.  | 747'91<br>9, 12 w. | 723'38<br>31, 7 | 703'21<br>1, 7  | 739'10<br>9, 9  | 748'59<br>1, 7  | 717'22<br>1, 5  | 746'53<br>1, 7  | 741'2<br>1, 7  |
| Min.<br>d., g. | 671'11<br>18, 8 r. | 733'46<br>16, 7 r. | 709'90<br>16, 7 | 691'12<br>16, 7 | 724'41<br>16, 7 | 734'51<br>16, 1 | 706'05<br>16, 2 | 733'19<br>16, 2 | 728'9<br>16, 7 |

w milimetrach.  
dzienne.

Sierpień 1877 r.

| Jaro-<br>sław | Lwów    | Stani-<br>sław-<br>wów | Zło-<br>czów | Brze-<br>żany | Tarno-<br>pol |  | Biéł-<br>sko | Ży-<br>wiec | Wado-<br>wice |
|---------------|---------|------------------------|--------------|---------------|---------------|--|--------------|-------------|---------------|
| 7. 1. 9       | 7. 2. 9 | 7. 2. 9                | 7. 2. 9      | 7. 2. 7       | 7. 2. 9       |  | 8. 2. 8      | 7. 2. 9     | 6. 2. 10      |
| 747'85        | 739'70  | 742'57                 | 741'97       | 740'77        | 736'87        |  | 728'07       | 729'31      | 734'70        |
| 44'00         | 36'49   | 39'67                  | 39'30        | 37'73         | 35'07         |  | 27'00        | 26'13       | 32'80         |
| 41'58         | 34'49   | 37'23                  | 37'23        | 35'93         | 32'33         |  | 28'03        | 28'16       | 36'82         |
| 40'91         | 32'64   | 34'50                  | 34'70        | 32'73         | 29'37         |  | 27'23        | 28'47       | 36'48         |
| 45'66         | 37'45   | 40'23                  | 39'37        | 37'57         | 34'53         |  | 27'87        | 33'39       | 41'04         |
| 45'49         | 37'70   | 40'47                  | 40'43        | 39'77         | 35'53         |  | 34'57        | 36'01       | 42'96         |
| 43'43         | 35'80   | 38'87                  | 38'10        | 36'13         | 33'47         |  | 28'37        | 33'71       | 40'41         |
| 46'06         | 37'45   | 39'73                  | 39'47        | 37'80         | 35'00         |  | 35'73        | 31'07       | 37'16         |
| 46'15         | 37'01   | 39'53                  | 38'73        | 37'73         | 33'67         |  | 29'75        | 29'06       | 38'13         |
| 46'18         | 37'94   | 40'97                  | 40'23        | 38'67         | 34'17         |  | 36'03        | 30'93       | 35'94         |
| 45'18         | 36'87   | 39'87                  | 39'13        | 37'83         | 34'67         |  | 31'53        | 30'98       | 38'83         |
| 44'52         | 36'69   | 40'07                  | 39'30        | 37'70         | 35'13         |  | 35'23        | —           | 37'95         |
| 43'09         | 36'02   | 38'97                  | 38'40        | 37'23         | 34'13         |  | 33'07        | —           | 40'05         |
| 39'51         | 31'87   | 34'67                  | 34'30        | 32'93         | 31'87         |  | 32'60        | —           | 39'32         |
| 37'01         | 29'87   | 32'80                  | 32'37        | 31'20         | 28'03         |  | 32'50        | —           | 38'94         |
| 36'88         | 29'71   | 32'53                  | 32'17        | 30'83         | 27'87         |  | 32'90        | —           | 39'39         |
| 38'89         | 31'05   | 34'40                  | 33'90        | 32'87         | 29'97         |  | 31'63        | —           | 38'42         |
| 37'31         | 29'65   | 32'30                  | 32'23        | 30'77         | 28'30         |  | 33'50        | —           | 40'11         |
| 36'40         | 27'47   | 30'90                  | 29'10        | 28'27         | 25'03         |  | 33'93        | —           | 41'38         |
| 39'27         | 31'33   | 34'60                  | 33'20        | 31'93         | 29'10         |  | 31'47        | —           | 38'11         |
| 41'88         | 34'18   | 37'27                  | 36'37        | 34'23         | 32'23         |  | 30'00        | —           | 36'30         |
| 44'14         | 35'41   | 38'43                  | 37'20        | 36'10         | 32'70         |  | 30'27        | 29'67       | 35'45         |
| 45'19         | 36'52   | 39'47                  | 38'70        | 37'70         | 34'47         |  | 32'33        | 32'04       | 36'46         |
| 43'87         | 36'53   | 39'47                  | 39'23        | 37'73         | 35'07         |  | 36'40        | 35'13       | 41'13         |
| 42'12         | 35'19   | 38'23                  | 37'90        | 37'47         | 34'40         |  | 32'93        | 36'39       | 42'21         |
| 42'63         | 34'91   | 38'10                  | 37'73        | 37'03         | 34'30         |  | 30'73        | 31'05       | 42'84         |
| 42'10         | 33'36   | 36'10                  | 35'67        | 34'70         | 31'93         |  | 34'27        | 33'78       | 38'92         |
| 43'93         | 35'47   | 38'17                  | 37'60        | 36'53         | 33'63         |  | 33'27        | 32'58       | 30'06         |
| 46'48         | 38'10   | 40'57                  | 40'00        | 39'13         | 35'63         |  | 31'43        | 32'08       | 32'47         |
| 46'24         | 38'07   | 41'00                  | 40'20        | 38'97         | 36'03         |  | 32'53        | 32'17       | 37'29         |
| 46'58         | 37'94   | 41'37                  | 40'47        | 39'60         | 36'47         |  | 30'23        | 30'37       | 40'54         |
| 742'92        | 734'93  | 737'86                 | 737'25       | 735'99        | 732'93        |  | 731'79       | 731'55      | 738'31        |
| 748'89        | 740'46  | 743'4                  | 742'9        | 741'6         | 737'2         |  | 737'4        | 737'61      | 744'33        |
| 1, 7          | 1, 7    | 1, 7                   | 1, 7         | 1, 7 r.       | 1, 7          |  | 24, 8 w.     | 25, 7       | 26, 6         |
| 736'02        | 726'16  | 730'0                  | 727'8        | 727'2         | 723'8         |  | 721'5        | 725'32      | 730'42        |
| 19, 7         | 19, 7   | 19, 7                  | 19, 7        | 19, 7 r.      | 19, 7         |  | 5, 8 w.      | 2, 9        | 29, 6         |



**Cięnienie powietrza**  
Średnie

*Sierpień 1877 roku.*

| Dzień          | Sucha<br>6. 2. 10 | Zako-<br>pane<br>8. 2. 8 | Kra-<br>ków<br>6. 2. 10 | Poro-<br>nin<br>7. 2. 9 | Jodło-<br>wnik<br>7. 2. 9 | Boch-<br>nia<br>7. 1. 9 | Kry-<br>nica<br>5. 2. 9 | Stara-<br>wieś<br>7. 2. 9 | Jaro-<br>sław<br>7. 1. 9 |
|----------------|-------------------|--------------------------|-------------------------|-------------------------|---------------------------|-------------------------|-------------------------|---------------------------|--------------------------|
| 1              | 729'78            | 676'01                   | 738'92                  | 693'36                  | 729'92                    | 746'81                  | 711'04                  | 733'73                    | 740'78                   |
| 2              | 27'82             | 74'45                    | 36'82                   | 93'60                   | 27'46                     | 38'42                   | 8'31                    | 30'33                     | 38'34                    |
| 3              | 32'47             | 74'51                    | 39'59                   | 94'14                   | 30'12                     | 39'85                   | 7'49                    | 31'80                     | 39'01                    |
| 4              | 30'91             | 75'24                    | 39'35                   | 99'06                   | 30'62                     | 40'38                   | 8'42                    | 33'10                     | 40'37                    |
| 5              | 35'90             | —                        | 45'37                   | 701'52                  | 36'19                     | 43'05                   | 11'70                   | 37'97                     | 45'44                    |
| 6              | 38'18             | 80'47                    | 46'90                   | —                       | 38'81                     | 48'68                   | 14'31                   | 40'90                     | 49'10                    |
| 7              | 35'47             | 80'56                    | 44'21                   | —                       | 36'03                     | 45'73                   | 14'71                   | 38'93                     | 46'51                    |
| 8              | 32'22             | 79'57                    | 40'99                   | 698'72                  | 32'54                     | 42'70                   | 13'63                   | 36'17                     | 43'78                    |
| 9              | 30'53             | 79'68                    | 39'68                   | 97'10                   | 30'87                     | 40'68                   | 11'94                   | 34'50                     | 42'52                    |
| 10             | 33'10             | 74'92                    | 41'78                   | 97'12                   | 33'01                     | 42'64                   | 11'69                   | 34'63                     | 42'28                    |
| 11             | 33'23             | 77'45                    | 42'00                   | 97'44                   | 33'48                     | 43'27                   | 12'10                   | 35'47                     | 43'46                    |
| 12             | 32'65             | —                        | 41'53                   | 97'46                   | 33'26                     | 42'84                   | 11'91                   | 35'40                     | 43'70                    |
| 13             | 34'05             | 77'13                    | 43'26                   | —                       | 34'61                     | 44'24                   | 12'39                   | 36'97                     | 45'38                    |
| 14             | 34'61             | 80'50                    | 43'56                   | 98'86                   | 35'15                     | 44'91                   | 12'05                   | 38'30                     | 45'98                    |
| 15             | 34'34             | 76'21                    | 42'90                   | 98'65                   | 34'54                     | 44'74                   | 12'95                   | 37'17                     | 45'22                    |
| 16             | 33'93             | 78'71                    | 42'71                   | 98'63                   | 34'34                     | 43'78                   | 12'91                   | 36'43                     | 44'00                    |
| 17             | 32'24             | 76'52                    | 40'39                   | 97'37                   | 32'02                     | 41'75                   | 11'74                   | 34'57                     | 42'27                    |
| 18             | 34'34             | 78'75                    | 42'92                   | 98'29                   | 34'77                     | 43'95                   | 12'03                   | 36'00                     | 43'41                    |
| 19             | 35'47             | 78'94                    | 44'16                   | 99'36                   | 36'23                     | 45'17                   | 13'52                   | 38'30                     | 45'01                    |
| 20             | 32'54             | 79'41                    | 40'98                   | 98'15                   | 32'74                     | 42'17                   | 12'44                   | 34'60                     | 41'65                    |
| 21             | 31'68             | 80'27                    | 39'47                   | 97'42                   | 31'34                     | 40'91                   | 11'83                   | 34'40                     | 41'34                    |
| 22             | 31'77             | 78'57                    | 39'73                   | 97'30                   | 31'99                     | 41'94                   | 11'15                   | 34'07                     | 41'31                    |
| 23             | 33'78             | 76'39                    | 42'40                   | 98'13                   | 33'82                     | 44'90                   | 11'83                   | 35'67                     | 43'80                    |
| 24             | 37'57             | 79'30                    | 46'55                   | 99'98                   | 37'77                     | 47'76                   | 13'86                   | 39'30                     | 47'21                    |
| 25             | 38'24             | 77'95                    | 48'11                   | 701'95                  | 39'48                     | 49'55                   | 16'18                   | 41'07                     | 50'03                    |
| 26             | 32'94             | 78'26                    | 41'41                   | 698'56                  | 33'05                     | 42'86                   | 13'36                   | 35'83                     | 43'21                    |
| 27             | 34'59             | 78'94                    | 43'11                   | —                       | 34'90                     | 44'37                   | 12'39                   | 36'67                     | 43'64                    |
| 28             | 34'68             | 79'77                    | 42'85                   | 99'13                   | 34'88                     | 45'99                   | 12'66                   | 37'13                     | 44'77                    |
| 29             | 33'51             | 78'71                    | 41'24                   | 701'67                  | 33'14                     | 42'34                   | 12'05                   | 35'07                     | 42'34                    |
| 30             | 33'17             | 79'37                    | 42'33                   | 698'54                  | 34'00                     | 43'03                   | 12'46                   | 36'33                     | 44'41                    |
| 31             | 32'22             | 77'27                    | 40'42                   | 97'80                   | 31'79                     | 41'96                   | 11'65                   | 34'33                     | 42'09                    |
| Średnia        | 733'48            | 678'06                   | 742'12                  | 698'12                  | 733'64                    | 743'55                  | 712'18                  | 736'00                    | 743'63                   |
| Max.<br>d., g. | 740'50<br>25, 6   | 681'94<br>6, 8 w.        | 749'92<br>25, 9 r.      | 704'48<br>29, 9         | 740'93<br>25, 7           | 750'65<br>25, 7         | 716'29<br>25, 9         | 743'1<br>25, 7 r.         | 750'85<br>25, 7          |
| Min.<br>d., g. | 726'65<br>1, 10   | 672'85<br>4, 2           | 735'11<br>1, 10 w.      | 692'25<br>1, 9          | 726'71<br>1, 9            | 737'66<br>2, 7          | 706'75<br>3, 5          | 729'3<br>2, 9 w.          | 737'72<br>3, 7           |

**w millimetrach,**  
dzienne,

*Wrzesień 1877 roku.*

| Lwów<br>7. 2. 9 | Stani-<br>sław-<br>wów<br>7. 2. 9 | Zło-<br>czów<br>7. 2. 9 | Brze-<br>żany<br>7. 2. 7 | Tar-<br>nopol<br>7. 2. 9 |  | Biels-<br>ko<br>8. 2. 8 | Ży-<br>wiec<br>7. 2. 9 | Sucha<br>6. 2. 10 | Zako-<br>pane<br>8. 2. 8 |
|-----------------|-----------------------------------|-------------------------|--------------------------|--------------------------|--|-------------------------|------------------------|-------------------|--------------------------|
| 734'25          | 737'60                            | 736'60                  | 736'57                   | 733'20                   |  | 732'23                  | 731'43                 | 731'37            | 675'33                   |
| 30'11           | 32'93                             | 32'47                   | 31'93                    | 28'73                    |  | 32'93                   | 32'42                  | 33'73             | —                        |
| 30'43           | 32'93                             | 31'97                   | 32'00                    | 28'17                    |  | 31'20                   | 31'27                  | 33'08             | 75'14                    |
| 32'55           | 35'57                             | 35'07                   | 34'07                    | 33'50                    |  | 32'47                   | 32'58                  | 33'21             | 77'34                    |
| 37'85           | 41'10                             | 40'03                   | 39'17                    | 35'87                    |  | 36'47                   | 35'74                  | 37'35             | 78'04                    |
| 40'72           | 43'60                             | 43'07                   | 42'27                    | 39'20                    |  | 36'40                   | 34'68                  | 37'70             | 78'47                    |
| 39'11           | 41'83                             | 41'93                   | 41'10                    | 37'73                    |  | 30'70                   | 31'29                  | 32'08             | 78'02                    |
| 36'16           | 38'83                             | 38'57                   | 37'47                    | 34'60                    |  | 29'00                   | 29'40                  | 29'69             | 73'43                    |
| 35'03           | 37'50                             | 37'50                   | 36'70                    | 34'30                    |  | 34'53                   | 34'11                  | 35'51             | 78'06                    |
| 34'58           | 37'13                             | 37'43                   | 36'60                    | 33'70                    |  | 34'23                   | 33'75                  | 35'47             | 80'56                    |
| 35'47           | 37'93                             | 38'37                   | 36'70                    | 34'07                    |  | 35'87                   | 34'72                  | 37'23             | 78'60                    |
| 36'72           | 39'30                             | 39'23                   | 38'03                    | 34'93                    |  | 35'13                   | 34'18                  | 36'50             | 79'18                    |
| 38'16           | 40'37                             | 40'80                   | 39'60                    | 36'73                    |  | 35'87                   | 34'74                  | 36'82             | 79'11                    |
| 39'25           | 42'53                             | 42'43                   | 41'20                    | 38'70                    |  | 34'83                   | 34'34                  | 35'90             | 78'75                    |
| 38'10           | 41'47                             | 41'23                   | 40'17                    | 37'57                    |  | 31'70                   | 29'00                  | 31'52             | 78'38                    |
| 35'47           | 39'30                             | 38'90                   | 37'80                    | 35'07                    |  | 27'40                   | 26'49                  | 28'70             | 76'09                    |
| 34'19           | 37'80                             | 37'13                   | 36'53                    | 33'37                    |  | 29'03                   | 28'27                  | 29'83             | 74'11                    |
| 34'74           | 38'17                             | 37'20                   | 36'93                    | 33'60                    |  | 31'80                   | 30'53                  | 31'84             | —                        |
| 37'24           | 40'70                             | 39'53                   | 38'73                    | 35'23                    |  | 28'07                   | 28'59                  | 28'93             | 73'02                    |
| 33'38           | 37'17                             | 35'73                   | 35'50                    | 32'13                    |  | 23'17                   | 23'87                  | 24'55             | 74'20                    |
| 36'40           | 38'03                             | 37'53                   | 37'23                    | 34'33                    |  | 22'60                   | 22'29                  | 25'14             | —                        |
| 33'71           | 56'60                             | 36'00                   | 35'17                    | 32'87                    |  | 26'33                   | 22'95                  | 27'50             | 68'29                    |
| 35'59           | 38'12                             | 37'77                   | 36'60                    | 33'60                    |  | 27'53                   | 25'56                  | 28'59             | 71'08                    |
| 38'12           | 40'83                             | 39'93                   | 37'53                    | 35'43                    |  | 28'20                   | 26'62                  | 29'74             | 70'03                    |
| 42'33           | 44'57                             | 44'60                   | 43'53                    | 40'53                    |  | 29'87                   | 28'72                  | 31'23             | 73'00                    |
| 35'93           | 38'80                             | 38'67                   | 37'37                    | 35'10                    |  | 37'67                   | 35'63                  | 38'11             | 77'76                    |
| 35'93           | 38'60                             | 37'67                   | 36'93                    | 33'13                    |  | 40'10                   | 39'01                  | 41'18             | 78'60                    |
| 37'03           | 40'30                             | 39'23                   | 38'10                    | 35'33                    |  | 39'00                   | 38'29                  | 40'23             | —                        |
| 34'48           | 37'73                             | 36'83                   | 35'63                    | 32'83                    |  | 38'50                   | 38'06                  | 39'91             | —                        |
| 36'81           | 39'33                             | 38'93                   | 37'63                    | 35'13                    |  | 38'50                   | 37'81                  | 39'66             | 82'50                    |
| 34'05           | 37'13                             | 36'63                   | 35'90                    | 33'20                    |  |                         |                        |                   |                          |
| 735'93          | 738'83                            | 738'35                  | 737'44                   | 734'58                   |  | 732'38                  | 731'57                 | 733'42            | 676'28                   |
| 742'67<br>25, 7 | 745'4<br>25, 7                    | 745'1<br>25, 2          | 744'7<br>25, 7 r.        | 740'9<br>25, 2           |  | 740'8<br>27, 8 r.       | 739'48<br>27, 7        | 741'81<br>27, 6   | 683'66<br>29, 8 r.       |
| 728'78<br>3, 7  | 731'2<br>3, 7                     | 730'2<br>3, 7           | 730'2<br>3, 7 r.         | 726'3<br>3, 7            |  | 721'8<br>21, 8 w.       | 720'04<br>22, 7        | 724'03<br>20, 10  | 667'57<br>22, 8 w.       |



**Ciepłota powietrza**  
**Średnie**

Wrzesień 1877 r.

| Dzień          | Kra-<br>ków        | Poro-<br>nin    | Jodło-<br>wnik  | Boch-<br>nia    | Tar-<br>nów     | Kola-<br>czyce   | Stara-<br>wieś | Jaro-<br>sław   | Lwów            |
|----------------|--------------------|-----------------|-----------------|-----------------|-----------------|------------------|----------------|-----------------|-----------------|
|                | 6. 2. 10           | 7. 2. 9         | 7. 2. 9         | 7. 1. 9         | 7. 2. 10        | 7. 2. 10         | 7. 2. 9        | 7. 1. 9         | 7. 2. 9         |
| 1              | 742.54             | 697.12          | 733.60          | 742.02          | —               | —                | 735.03         | 743.00          | 724.30          |
| 2              | 43.61              | 97.59           | 35.02           | 44.85           | —               | —                | 37.63          | 44.44           | 36.99           |
| 3              | 42.13              | 97.10           | 33.23           | 43.55           | —               | —                | 35.83          | 43.55           | 35.74           |
| 4              | 42.31              | 98.20           | 33.60           | 43.57           | —               | —                | 35.07          | 43.25           | 34.83           |
| 5              | 46.60              | 99.24           | 37.68           | 47.68           | —               | —                | 39.33          | 46.42           | 38.38           |
| 6              | 46.93              | 700.35          | 38.15           | 48.24           | —               | —                | 40.87          | 48.12           | 40.25           |
| 7              | 41.41              | 697.95          | 33.23           | 42.98           | —               | —                | 36.90          | 44.24           | 37.64           |
| 8              | 38.49              | —               | 29.15           | 39.14           | —               | —                | 31.83          | 38.09           | 30.95           |
| 9              | 44.81              | 97.52           | 36.15           | 46.21           | 739.05          | 733.53           | 38.27          | 45.40           | 36.69           |
| 10             | 44.58              | 97.84           | 35.72           | 45.73           | 41.63           | 35.29            | 37.73          | 45.25           | 36.61           |
| 11             | 46.31              | 99.51           | 37.48           | 47.42           | 43.48           | 37.43            | 39.07          | 46.64           | 38.23           |
| 12             | 45.71              | 99.81           | 36.98           | 47.24           | 43.90           | 37.70            | 39.93          | 47.70           | 39.59           |
| 13             | 45.81              | 99.94           | 37.16           | 46.86           | 43.87           | 37.41            | 39.53          | 46.98           | 38.75           |
| 14             | 44.81              | 99.94           | 36.26           | 46.38           | 44.39           | 36.17            | 38.70          | 46.21           | 37.57           |
| 15             | 40.61              | 97.59           | 32.44           | 42.07           | 43.13           | 31.95            | 34.87          | 42.22           | 33.92           |
| 16             | 36.63              | 93.22           | 28.29           | 40.92           | 35.24           | 30.46            | 29.93          | 36.91           | 28.46           |
| 17             | 38.33              | —               | 29.94           | 39.25           | 37.19           | 37.07            | 31.67          | 38.64           | 30.42           |
| 18             | 41.56              | 94.59           | 32.40           | 42.16           | 38.47           | 39.48            | 33.47          | 41.11           | 31.62           |
| 19             | 37.68              | 93.44           | 29.26           | 39.33           | 37.63           | 37.54            | 32.50          | 39.57           | 31.45           |
| 20             | 33.57              | 89.83           | 24.48           | 34.43           | 35.93           | 33.73            | 28.10          | 36.32           | 28.06           |
| 21             | 32.99              | 88.81           | 23.94           | 31.94           | 35.38           | 32.92            | 27.37          | 35.44           | 27.36           |
| 22             | 36.41              | 89.32           | 27.55           | 35.96           | 34.80           | 37.12            | 29.87          | 37.39           | 28.66           |
| 23             | 37.78              | 92.33           | 28.93           | 38.90           | 35.54           | 36.89            | 31.50          | 39.00           | 30.91           |
| 24             | 38.72              | 93.96           | 30.21           | 39.72           | 36.67           | 38.38            | 32.80          | 40.11           | 32.43           |
| 25             | 40.66              | 93.58           | 31.20           | 41.29           | 38.67           | 39.46            | 33.80          | 40.95           | 32.71           |
| 26             | 47.74              | 99.67           | 38.58           | 47.92           | 42.08           | 45.69            | 39.30          | 46.32           | 37.67           |
| 27             | 50.66              | 702.67          | 41.51           | 51.47           | 50.00           | 50.58            | 43.57          | 50.50           | 42.52           |
| 28             | 49.71              | 02.54           | 40.21           | 49.83           | 48.12           | 49.84            | 41.93          | 48.13           | 39.92           |
| 29             | 49.36              | 02.40           | 40.09           | 50.24           | 48.15           | 49.14            | 42.37          | 49.80           | 42.05           |
| 30             | 49.73              | 02.63           | 40.32           | 50.32           | 48.18           | 48.98            | 42.63          | 49.65           | 42.88           |
| 31             |                    |                 |                 |                 |                 |                  |                |                 |                 |
| Średnia        | 742.61             | 697.10          | 733.76          | 743.59          | 740.98          | 738.94           | 736.08         | 743.38          | 735.20          |
| Max.<br>d., g. | 751.46<br>27, 8 r. | 702.94<br>28, 9 | 742.10<br>27, 7 | 751.64<br>27, 1 | 751.31<br>27, 2 | 751.51<br>20, 10 | 743.8<br>27, 7 | 750.71<br>27, 7 | 742.83<br>27, 7 |
| Min.<br>d., g. | 731.34<br>21, 9w.  | 687.78<br>21, 9 | 722.20<br>21, 9 | 731.54<br>21, 7 | 733.99<br>20, 7 | 727.01<br>16, 7  | 726.2<br>21, 9 | 734.69<br>21, 9 | 726.36<br>21, 9 |

**w millimetrach.**  
**dziennie.**

Październik 1877 r.

| Stani-<br>sław-<br>wów | Zło-<br>czów   | Brze-<br>żany    | Tarno-<br>pol  |  | Bieli-<br>sko | Ży-<br>wiec                | Wado-<br>wice  | Sucha          | Zako-<br>pane  |
|------------------------|----------------|------------------|----------------|--|---------------|----------------------------|----------------|----------------|----------------|
| 7. 2. 9                | 7. 2. 9        | 7. 2. 7          | 7. 2. 9        |  | 8. 2. 8       | 7. 2. 9                    | 6. 2. 9        | 6. 2. 10       | 8. 2. 8        |
| 736.80                 | 736.20         | 734.40           | 731.77         |  | 736.43        | 735.17                     | 743.65         | 737.39         | 681.10         |
| 39.83                  | 39.50          | 37.83            | 35.27          |  | 29.37         | 29.13                      | 36.17          | 31.25          | 79.86          |
| 38.10                  | 37.90          | 36.43            | 33.93          |  | 27.87         | 27.73                      | 35.35          | 28.99          | 71.08          |
| 37.60                  | 37.47          | 35.40            | 33.43          |  | 33.73         | 32.96                      | 39.78          | 34.95          | —              |
| 39.53                  | 39.97          | 39.23            | 35.43          |  | 41.50         | —                          | 47.76          | 42.87          | 82.41          |
| 42.77                  | 42.57          | 41.73            | 38.23          |  | 45.80         | —                          | 52.88          | 46.52          | 84.69          |
| 41.13                  | 39.97          | 39.23            | 36.70          |  | 38.83         | —                          | 46.41          | 39.19          | 83.59          |
| 34.43                  | 33.27          | 31.07            | 29.23          |  | 21.43         | —                          | 28.36          | 23.49          | —              |
| 39.93                  | 38.50          | 36.93            | 34.27          |  | 29.47         | —                          | 34.54          | 29.67          | 70.77          |
| 39.57                  | 38.87          | 36.83            | 34.30          |  | 35.03         | —                          | 39.60          | 35.80          | 77.90          |
| 40.83                  | 40.20          | 39.13            | 35.90          |  | 29.80         | —                          | 36.60          | 31.50          | 74.38          |
| 42.87                  | 42.17          | 40.43            | 38.13          |  | 29.20         | —                          | 34.50          | 31.11          | 75.33          |
| 41.93                  | 41.20          | 40.13            | 36.90          |  | 34.63         | —                          | 40.74          | 36.62          | 78.08          |
| 40.53                  | 39.93          | 38.77            | 35.50          |  | 38.57         | —                          | 43.93          | 39.55          | 82.18          |
| 37.53                  | 36.23          | 36.90            | 32.20          |  | 36.07         | —                          | 43.43          | 37.61          | 81.26          |
| 32.03                  | 30.83          | 29.65            | 26.87          |  | 36.27         | 35.38                      | 40.47          | 36.32          | 79.34          |
| 33.63                  | 32.60          | 31.80            | 28.33          |  | 34.03         | 34.34                      | 39.96          | 35.29          | 77.06          |
| 34.37                  | 33.43          | 31.93            | 29.30          |  | 35.90         | 34.99                      | 41.81          | 37.07          | —              |
| 35.50                  | 34.27          | 33.57            | 30.60          |  | 36.07         | 35.49                      | 43.52          | 38.24          | 78.17          |
| 31.63                  | 30.83          | 29.70            | 27.20          |  | 39.10         | 37.14                      | 43.70          | 40.41          | 81.51          |
| 31.73                  | 30.43          | 29.37            | 26.87          |  | 36.73         | 37.79                      | 41.85          | 38.51          | 80.38          |
| 31.37                  | 30.83          | 30.97            | 26.37          |  | 35.97         | 36.78                      | 41.33          | 37.39          | 81.01          |
| 33.80                  | 33.27          | 31.83            | 29.37          |  | 33.20         | 32.51                      | 38.49          | 34.90          | 79.41          |
| 35.77                  | 35.03          | 33.60            | 31.17          |  | 24.77         | 25.97                      | 33.60          | 27.93          | 73.05          |
| 35.73                  | 35.37          | 33.83            | 30.97          |  | 25.97         | 24.69                      | 35.22          | 28.09          | 71.16          |
| 40.30                  | 39.77          | 38.33            | 34.97          |  | 25.13         | 24.21                      | 33.23          | 27.30          | —              |
| 43.40                  | 44.57          | 43.80            | 40.50          |  | 33.60         | 31.75                      | 39.44          | 35.06          | 75.78          |
| 43.27                  | 41.93          | 40.13            | 37.57          |  | 35.97         | 35.15                      | 40.95          | 37.20          | —              |
| 44.07                  | 43.37          | 37.67            | 39.57          |  | 36.87         | 35.87                      | 40.65          | 37.61          | 77.74          |
| 44.70                  | 44.77          | 42.90            | 39.27          |  | 32.17         | 32.58                      | 39.08          | 34.02          | 73.54          |
|                        |                |                  |                |  | 27.63         | 30.75                      | 34.07          | 31.25          | 74.74          |
| 738.16                 | 737.51         | 736.12           | 733.37         |  | 733.46        | 732.52                     | 739.71         | 734.94         | 677.98         |
| 745.4<br>30, 9         | 746.5<br>30, 7 | 744.4<br>27, 2   | 740.6<br>27, 2 |  | 746.0<br>6, 2 | 737.97<br>21, 9<br>i 22, 7 | 753.78<br>6, 9 | 747.27<br>6, 2 | 686.02<br>6, 2 |
| 729.6<br>22, 7         | 729.4<br>22, 7 | 728.7<br>20, 7w. | 724.3<br>22, 7 |  | 719.9<br>8, 2 | 722.38<br>26, 2            | 726.65<br>8, 2 | 721.21<br>8, 2 | 668.38<br>9, 2 |



## Ciężnienie powietrza

Średnie

Październik 1877 roku.

| Dzień          | Kraków<br>6.2.10  | Poronin<br>7.2.9 | Jodłownik<br>7.2.9 | Bochnia<br>7.1.9 | Nowy Sącz<br>7.1.10 | Krynica<br>6.2.9 | Tarnów<br>7.1.10 | Kołańczyce<br>7.2.10 | Starawieś<br>7.2.9 |
|----------------|-------------------|------------------|--------------------|------------------|---------------------|------------------|------------------|----------------------|--------------------|
| 1              | 747'88            | 702'38           | 738'83             | 748'53           | 741'39              | 715'75           | 747'60           | 747'38               | 741'73             |
| 2              | 40'55             | 695'84           | 31'41              | 41'48            | 34'96               | 10'54            | 41'24            | 40'30                | 34'63              |
| 3              | 38'79             | 92'86            | 29'22              | 39'81            | 33'02               | 06'95            | 38'09            | 37'50                | 31'80              |
| 4              | 44'09             | 97'25            | 35'17              | 45'72            | 38'60               | 11'42            | 42'06            | 43'03                | 37'37              |
| 5              | 53'12             | 705'24           | 43'01              | 52'79            | 46'56               | 17'10            | 49'44            | 51'39                | 45'37              |
| 6              | 57'92             | 08'08            | 47'58              | 58'59            | 51'07               | 22'09            | 54'61            | 56'04                | 50'50              |
| 7              | 49'83             | —                | 41'02              | 50'62            | 43'90               | 18'19            | 52'85            | 49'43                | 43'67              |
| 8              | 32'62             | 688'57           | 22'97              | 33'53            | 27'53               | 01'97            | 32'50            | 32'80                | 27'10              |
| 9              | 39'38             | 92'54            | 30'08              | 38'60            | 33'26               | 06'05            | 37'22            | 36'50                | 32'17              |
| 10             | 45'84             | 98'06            | 36'64              | 46'66            | 39'59               | 12'01            | 42'54            | 39'48                | 38'60              |
| 11             | 40'90             | 94'62            | 31'37              | 41'84            | 34'78               | 08'56            | 41'31            | 40'54                | 34'03              |
| 12             | 39'39             | 94'89            | 30'75              | 39'96            | 34'10               | 08'47            | 37'95            | 38'83                | 33'07              |
| 13             | 45'89             | 99'47            | 36'80              | 44'89            | 40'22               | 13'68            | 43'74            | 42'82                | 39'57              |
| 14             | 49'22             | 703'70           | 40'07              | 49'75            | 43'91               | 19'07            | 47'61            | 48'78                | 43'93              |
| 15             | 47'16             | 03'08            | 38'22              | 48'14            | 42'08               | 17'15            | 47'43            | 47'74                | 42'03              |
| 16             | 46'35             | 01'54            | 37'50              | 46'05            | 40'42               | 14'62            | 46'16            | 45'39                | 39'00              |
| 17             | 44'83             | 698'68           | 35'56              | 46'10            | 38'57               | 12'41            | 44'44            | 43'79                | 37'37              |
| 18             | 46'42             | 99'45            | 37'27              | 47'62            | 40'55               | 14'10            | 44'62            | 45'15                | 39'60              |
| 19             | 47'57             | 99'76            | 37'77              | 47'90            | 41'04               | 14'85            | 45'02            | 45'94                | 40'57              |
| 20             | 50'00             | 702'38           | 40'74              | 51'50            | 44'40               | 18'37            | 48'29            | 49'90                | 43'93              |
| 21             | 48'78             | 02'40            | 39'87              | 49'31            | 43'15               | 17'47            | 47'98            | 48'35                | 42'37              |
| 22             | 47'53             | 01'99            | 38'71              | 48'88            | 42'97               | 16'09            | 48'43            | 48'55                | 42'47              |
| 23             | 44'91             | 00'86            | 36'01              | 51'92            | 40'56               | 14'87            | 46'19            | 45'55                | 39'93              |
| 24             | 37'36             | 692'99           | 28'43              | 38'30            | 32'08               | 08'19            | 38'11            | 38'20                | 33'07              |
| 25             | 37'42             | 91'88            | 28'27              | 39'09            | 32'38               | 06'80            | 36'24            | 36'82                | 31'77              |
| 26             | 36'85             | 91'88            | 27'73              | 37'83            | 31'90               | 06'53            | 35'65            | 36'50                | 31'37              |
| 27             | 44'67             | 96'85            | 35'24              | 44'02            | 37'33               | 12'01            | 42'18            | 42'69                | 37'40              |
| 28             | 46'92             | 700'07           | 37'66              | 47'41            | 41'28               | 14'17            | 44'54            | 45'48                | 40'03              |
| 29             | 47'84             | 00'00            | 38'51              | 48'18            | 41'45               | 14'94            | 45'32            | 45'91                | 40'47              |
| 30             | 44'04             | 698'25           | 34'68              | 44'50            | 37'89               | 12'44            | 44'42            | 43'34                | 37'83              |
| 31             | 40'81             | 95'84            | 31'52              | 41'27            | 35'28               | 10'59            | 41'12            | 40'09                | 34'47              |
| Średnia        | 744'70            | 698'38           | 735'44             | 745'51           | 738'91              | 712'85           | 743'71           | 743'68               | 738'30             |
| Max.<br>d., g. | 758'36<br>6, 2 w. | 708'92<br>6, 9   | 747'76<br>6, 9     | 759'23<br>6, 1   | 751'61<br>6, 1      | 723'47<br>6, 9   | 755'40<br>7, 7   | 756'45<br>6, 10      | 751'0<br>6, 2      |
| Min.<br>d., g. | 730'47<br>8, 3 w. | 686'74<br>8, 2   | 721'50<br>8, 2     | 732'62<br>8, 1   | 726'27<br>8, 1      | 700'48<br>8, 9   | 730'93<br>8, 10  | 731'61<br>8, 10      | 725'8<br>8, 2      |

## w millimetrach.

dzienne.

Listopad 1877 r.

| Jarosław<br>7.1.9 | Lwów<br>7.2.9 | Stani-<br>sławów<br>7.2.9 | Złoczów<br>7.2.9 | Brzeżany<br>7.2.7 | Tarnopol<br>7.2.9 |  | Bielsko<br>8.2.8 | Żywiec<br>7.2.9 | Wadowice<br>7.1.9 |
|-------------------|---------------|---------------------------|------------------|-------------------|-------------------|--|------------------|-----------------|-------------------|
| 750'06            | 742'04        | 744'70                    | 744'53           | 743'97            | 741'30            |  | 731'80           | 732'92          | 737'37            |
| 42'93             | 34'28         | 38'23                     | 37'00            | 36'87             | 34'07             |  | 35'60            | 34'50           | 38'22             |
| 39'92             | 31'53         | 31'97                     | 33'10            | 32'67             | 29'90             |  | 35'50            | 34'81           | 40'92             |
| 44'97             | 36'87         | 40'10                     | 39'17            | 37'37             | 34'83             |  | 35'53            | 35'15           | 42'53             |
| 51'93             | 45'68         | 47'70                     | 48'13            | 45'57             | 43'13             |  | 33'87            | 34'99           | 41'36             |
| 59'85             | 51'67         | 54'53                     | 54'70            | 53'13             | 50'47             |  | 35'73            | 35'60           | 40'09             |
| 52'14             | 44'67         | 48'23                     | 47'87            | 47'23             | 44'27             |  | 35'33            | 35'35           | 41'67             |
| 36'91             | 26'87         | 30'63                     | 29'83            | 28'77             | 26'17             |  | 35'07            | —               | 42'21             |
| 39'44             | 30'75         | 33'83                     | 33'13            | 31'43             | 28'60             |  | 35'23            | 34'23           | 40'90             |
| 46'09             | 37'88         | 39'10                     | 40'07            | 39'00             | 35'57             |  | —                | 31'77           | 38'81             |
| 41'15             | 32'49         | 35'20                     | 34'87            | 33'40             | 30'20             |  | 28'70            | 29'13           | 36'64             |
| 39'90             | 31'75         | 35'57                     | 34'13            | 32'83             | 29'33             |  | 25'87            | 25'81           | 34'41             |
| 46'57             | 38'37         | 42'17                     | 40'40            | 39'20             | 34'70             |  | 28'87            | 28'54           | 34'56             |
| 50'25             | 42'77         | 47'03                     | 45'40            | 44'80             | 42'00             |  | 37'53            | 36'19           | 43'36             |
| 49'24             | 41'85         | 45'27                     | 44'63            | 43'77             | 40'97             |  | —                | 40'63           | 47'54             |
| 46'26             | 37'74         | 40'90                     | 40'07            | 38'77             | 36'10             |  | 40'87            | 40'97           | 48'06             |
| 44'88             | 36'22         | 38'97                     | 38'40            | 36'80             | 32'93             |  | —                | 39'93           | 47'22             |
| 46'99             | 38'39         | 41'40                     | 40'80            | 40'23             | 36'10             |  | 38'10            | 38'15           | 45'66             |
| 47'97             | 39'54         | 43'80                     | 42'50            | 41'83             | 38'23             |  | 33'73            | 33'28           | 40'09             |
| 50'73             | 43'47         | 46'90                     | 45'93            | 45'47             | 42'10             |  | 24'67            | 25'50           | 33'46             |
| 49'04             | 41'42         | 44'30                     | 43'83            | 42'70             | 39'50             |  | 26'50            | 25'25           | 31'34             |
| 49'48             | 41'77         | 45'47                     | 44'63            | 43'57             | 40'53             |  | 26'10            | 26'29           | 32'38             |
| 46'92             | 39'26         | 43'50                     | 42'23            | 41'13             | 38'73             |  | 21'13            | 22'74           | 27'59             |
| 40'64             | 33'51         | 37'07                     | 36'60            | 35'63             | 33'20             |  | 25'37            | 21'82           | 30'82             |
| 39'26             | 31'55         | 35'60                     | 34'93            | 33'47             | 31'03             |  | 24'03            | 13'99           | 23'06             |
| 39'43             | 31'41         | 35'23                     | 34'70            | 33'70             | 30'87             |  | 25'00            | 23'60           | 29'31             |
| 43'82             | 36'32         | 39'73                     | 39'23            | 37'13             | 35'20             |  | 27'37            | 26'90           | 33'03             |
| 46'75             | 39'45         | 42'73                     | 41'90            | 40'63             | 37'40             |  | 20'67            | 22'54           | 27'82             |
| 47'24             | 40'24         | 42'50                     | 42'87            | 41'13             | 38'37             |  | 22'80            | 21'28           | 27'44             |
| 45'83             | 38'13         | 41'10                     | 40'97            | 38'83             | 36'60             |  | 19'53            | 19'86           | 26'87             |
| 41'61             | 34'49         | 38'43                     | 37'07            | 36'13             | 33'43             |  |                  |                 |                   |
| 745'75            | 737'81        | 741'03                    | 740'44           | 739'26            | 736'32            |  | 730'02           | 730'06          | 736'85            |
| 761'03            | 752'13        | 755'3                     | 755'2            | 753'2             | 751'8             |  | 744'1            | 742'92          | 748'39            |
| 6, 9              | 6, 2          | 6, 9                      | 6, 2             | 6, 2              | 6, 2              |  | 15, 2            | 15, 9           | 15, 9             |
| 733'61            | 725'51        | 727'4                     | 728'3            | 726'8             | 725'0             |  | 719'3            | 711'91          | 720'83            |
| 8, 9              | 8, 9          | 3, 9                      | 8, 9             | 8, 7 w.           | 8, 9              |  | 23, 8 r.         | 25, 9           | 25, 1             |



**Cięnienie powietrza**  
Średnie

Listopad 1877 roku.

| Dzień          | Sucha            | Zako-<br>pane      | Kra-<br>ków         | Poro-<br>nin    | Jodło-<br>wnik  | Boch-<br>nia    | Nowy<br>Sącz     | Kry-<br>nica    | Tar-<br>nów      |
|----------------|------------------|--------------------|---------------------|-----------------|-----------------|-----------------|------------------|-----------------|------------------|
|                | 6. 2. 10         | 8. 2. 8            | 6. 2. 10            | 7. 2. 9         | 7. 2. 9         | 7. 1. 9         | 7. 1. 10         | 7. 2. 9         | 7. 1. 10         |
| 1              | 733'82           | 675'14             | 742'67              | 696'26          | 733'46          | 743'44          | 737'04           | 711'10          | 740'54           |
| 2              | 36'94            | 78'12              | 46'53               | 99'58           | 37'27           | 47'19           | 40'49            | 13'36           | 43'67            |
| 3              | 36'48            | —                  | 45'91               | 99'64           | 36'62           | 50'59           | 43'72            | 13'54           | 46'05            |
| 4              | 37'20            | 77'85              | 46'95               | 99'76           | 37'68           | 46'38           | 41'26            | 14'80           | 44'83            |
| 5              | 35'09            | 79'20              | 45'57               | 99'28           | 36'28           | 46'03           | 40'40            | 13'99           | 45'75            |
| 6              | 37'63            | 80'05              | 46'85               | 700'45          | 38'11           | 47'34           | 42'18            | 16'07           | 45'54            |
| 7              | 37'37            | 78'85              | 46'63               | 0'39            | 37'79           | 47'68           | 41'93            | 16'23           | 46'31            |
| 8              | 36'53            | —                  | 46'10               | 0'09            | 36'98           | 47'20           | 40'48            | 15'07           | 46'85            |
| 9              | 36'64            | 78'80              | 46'00               | 699'90          | 36'92           | 47'02           | 40'60            | 14'51           | 45'06            |
| 10             | 33'37            | 79'96              | 43'30               | 98'04           | 34'16           | 44'28           | 37'65            | 12'10           | 43'60            |
| 11             | 30'91            | 74'54              | 41'43               | 96'17           | 31'93           | 42'26           | 36'09            | 10'54           | 42'09            |
| 12             | 28'09            | 70'52              | 37'84               | 92'97           | 28'77           | 39'87           | 33'02            | 08'87           | 38'54            |
| 13             | 33'60            | 74'56              | 40'09               | 93'62           | 31'34           | 40'47           | 36'29            | 10'54           | 39'73            |
| 14             | 39'17            | 78'12              | 49'32               | 702'06          | 39'98           | 46'16           | 43'32            | 18'55           | 46'67            |
| 15             | 45'26            | —                  | 54'84               | 06'98           | 45'69           | 57'42           | 48'80            | 21'93           | 53'53            |
| 16             | 42'69            | 82'39              | 52'27               | 06'04           | 43'12           | 53'31           | 46'85            | 20'90           | 52'18            |
| 17             | 41'76            | 79'91              | 51'66               | 05'17           | 42'24           | 52'44           | 45'69            | 19'09           | 50'31            |
| 18             | 38'92            | 76'80              | 48'71               | 02'56           | 39'44           | 50'86           | 43'09            | 16'72           | 48'79            |
| 19             | 34'99            | 70'54              | 45'40               | 699'15          | 36'15           | 46'72           | 41'76            | 13'36           | 46'74            |
| 20             | 27'19            | 67'36              | 36'70               | 91'69           | 27'08           | 37'76           | 39'64            | 06'01           | 39'28            |
| 21             | 27'01            | 70'80              | 37'41               | 90'24           | 27'87           | 37'12           | 29'60            | 04'43           | 36'62            |
| 22             | 26'99            | 65'81              | 36'92               | 91'46           | 27'80           | 38'04           | 31'21            | 06'50           | 36'14            |
| 23             | 24'98            | —                  | 32'28               | 87'60           | 23'20           | 32'22           | 31'60            | 02'71           | 31'63            |
| 24             | 26'67            | —                  | 36'02               | 89'66           | 26'94           | 37'13           | 27'49            | 05'20           | 33'61            |
| 25             | 19'43            | 67'75              | 25'40               | 80'07           | 15'84           | 28'33           | 30'45            | 697'89          | 27'09            |
| 26             | 26'51            | 67'93              | 34'91               | 87'87           | 25'09           | 34'36           | 24'42            | 702'33          | 31'74            |
| 27             | 28'16            | 67'50              | 38'46               | 91'86           | 29'26           | 35'93           | 28'41            | 06'64           | 37'04            |
| 28             | 23'51            | 69'17              | 32'49               | 87'37           | 22'74           | 36'12           | 32'60            | 02'06           | 32'87            |
| 29             | 23'62            | 67'43              | 33'71               | 87'55           | 24'01           | 34'46           | 27'38            | 03'03           | 32'13            |
| 30             | 21'39            | 64'26              | 31'51               | 85'86           | 21'32           | 32'47           | 28'35            | 01'07           | 34'45            |
| Średnia        | 732'43           | 673'73             | 741'80              | 695'66          | 732'50          | 742'69          | 737'06           | 710'64          | 741'31           |
| Max.<br>d., g. | 745'91<br>15, 10 | 685'01<br>15, 8 r. | 755'25<br>15, 11 r. | 707'70<br>15, 9 | 746'21<br>15, 9 | 760'73<br>15, 1 | 750'05<br>15, 10 | 722'20<br>15, 9 | 754'40<br>15, 10 |
| Min.<br>d., g. | 717'17<br>25, 6  | 660'03<br>24, 2    | 722'59<br>25, 9 w.  | 675'96<br>25, 9 | 713'22<br>25, 9 | 723'43<br>25, 9 | 718'14<br>26, 10 | 696'20<br>25, 9 | 725'22<br>25, 10 |

**w millimetrach.**  
dzienne.

| Koła-<br>czyce   | Stara-<br>wieś | Jaro-<br>sław   | Lwów            | Stani-<br>sła-<br>wów | Zło-<br>czów   | Brze-<br>żany     | Tarno-<br>pol  |  |  |
|------------------|----------------|-----------------|-----------------|-----------------------|----------------|-------------------|----------------|--|--|
| 7. 2. 10         | 7. 2. 9        | 7. 1. 9         | 7. 2. 9         | 7. 2. 9               | 7. 2. 9        | 7. 2. 7           | 7. 2. 9        |  |  |
| 741'40           | 735'63         | 742'80          | 734'83          | 738'30                | 736'93         | 735'73            | 732'63         |  |  |
| 44'47            | 38'60          | 45'12           | 36'92           | 40'53                 | 39'27          | 38'00             | 34'47          |  |  |
| 45'39            | 39'90          | 47'16           | 39'54           | 42'93                 | 42'13          | 40'83             | 37'50          |  |  |
| 46'14            | 40'33          | 46'76           | 39'34           | 42'77                 | 41'73          | 40'20             | 37'47          |  |  |
| 45'75            | 39'60          | 47'00           | 39'71           | 43'13                 | 42'57          | 41'63             | 38'30          |  |  |
| 46'93            | 41'60          | 47'45           | 40'82           | 44'43                 | 43'47          | 42'20             | 39'27          |  |  |
| 47'33            | 41'40          | 47'48           | 40'74           | 44'17                 | 43'43          | 42'57             | 39'30          |  |  |
| 46'84            | 40'30          | 47'20           | 40'01           | 43'50                 | 42'67          | 41'73             | 38'73          |  |  |
| 45'69            | 39'77          | 47'11           | 39'16           | 42'43                 | 41'80          | 40'23             | 37'37          |  |  |
| 43'41            | 37'20          | 45'08           | 37'64           | 40'83                 | 40'63          | 39'33             | 36'60          |  |  |
| 41'94            | 36'57          | 43'87           | 36'84           | 39'83                 | 40'03          | 38'93             | 36'27          |  |  |
| 39'73            | 34'07          | 42'29           | 35'95           | 40'10                 | 39'53          | 38'57             | 35'97          |  |  |
| 41'33            | 36'70          | 45'39           | 38'61           | 42'53                 | 42'30          | 40'57             | 38'73          |  |  |
| 48'01            | 44'03          | 52'09           | 46'16           | 49'63                 | 48'87          | 48'63             | 44'40          |  |  |
| 53'18            | 48'13          | 55'20           | 48'35           | 51'50                 | 51'30          | 50'73             | 48'03          |  |  |
| 52'32            | 46'47          | 53'48           | 46'72           | 50'07                 | 49'43          | 47'97             | 45'13          |  |  |
| 51'01            | 44'93          | 52'09           | 43'94           | 47'10                 | 45'53          | 45'07             | 41'87          |  |  |
| 49'16            | 42'60          | 50'37           | 42'38           | 44'97                 | 45'07          | 44'20             | 40'70          |  |  |
| 45'73            | 39'57          | 47'64           | 38'93           | 42'27                 | 41'33          | 40'33             | 36'97          |  |  |
| 38'74            | 33'13          | 40'12           | 32'33           | 36'23                 | 35'33          | 34'73             | 31'47          |  |  |
| 36'41            | 30'13          | 38'72           | 29'76           | 33'27                 | 32'90          | 31'67             | 28'87          |  |  |
| 36'82            | 31'40          | 38'99           | 31'51           | 35'43                 | 34'10          | 33'50             | 30'07          |  |  |
| 33'14            | 27'57          | 33'62           | 26'99           | 30'67                 | 29'63          | 28'60             | 25'97          |  |  |
| 35'54            | 30'43          | 37'30           | 29'84           | 33'30                 | 32'43          | 30'93             | 28'27          |  |  |
| 26'31            | 21'90          | 29'37           | 23'72           | 27'53                 | 27'27          | 26'47             | 24'60          |  |  |
| 30'89            | 27'00          | 34'00           | 25'36           | 27'87                 | 27'73          | 26'27             | 23'23          |  |  |
| 36'78            | 32'00          | 38'48           | 31'13           | 33'87                 | 33'07          | 30'30             | 28'33          |  |  |
| 33'08            | 27'83          | 35'58           | 28'31           | 31'90                 | 31'30          | 29'43             | 26'93          |  |  |
| 33'37            | 28'23          | 36'26           | 28'65           | 32'63                 | 31'93          | 31'50             | 28'17          |  |  |
| 31'43            | 26'63          | 35'15           | 27'69           | 31'03                 | 30'77          | 29'50             | 26'87          |  |  |
| 741'61           | 736'12         | 743'44          | 736'06          | 739'49                | 738'85         | 737'68            | 734'75         |  |  |
| 754'26<br>15, 10 | 748'6<br>15, 9 | 755'36<br>15, 7 | 749'00<br>15, 2 | 752'1<br>15, 7        | 751'7<br>15, 2 | 750'9<br>15, 7 w. | 748'9<br>15, 2 |  |  |
| 727'64<br>26, 7  | 719'7<br>25, 9 | 726'99<br>25, 9 | 721'01<br>25, 9 | 723'5<br>26, 7        | 724'7<br>25, 9 | 722'8<br>26, 7 r. | 723'1<br>26, 2 |  |  |



**Średni kie-**  
i liczba dostrzeżonych kie-

*Grudzień 1876 roku.*

| Dzień | Bielsko | Żywiec | Wadowice | Czer-<br>ni-<br>chów | Kra-<br>ków | Jodł-<br>ownik | Boch-<br>nia | Tar-<br>nów | Koła-<br>czyce |
|-------|---------|--------|----------|----------------------|-------------|----------------|--------------|-------------|----------------|
| 1     | NW      | SW     | SW       | SE                   | NE          | —              | SE           | E           | S              |
| 2     | SW      | SW     | SW       | SW                   | W           | S              | NW           | SE          | E              |
| 3     | E       | SW     | SW       | W                    | SW          | W              | W            | W           | NW             |
| 4     | SE      | SW     | SW       | W                    | NE          | S              | W            | SE          | SE             |
| 5     | W       | SW     | SW       | W                    | SW          | W              | W            | NW          | SE             |
| 6     | —       | SW     | SE       | W                    | NE          | —              | NW           | SE          | NE             |
| 7     | SW      | SW     | SW       | W                    | W           | SW             | W            | SW          | SW             |
| 8     | N       | SW     | S        | SW                   | SW          | W              | W            | SW          | W              |
| 9     | SE      | SW     | SW       | SW                   | W           | W              | NW           | SE          | E              |
| 10    | SW      | SW     | W        | W                    | W           | N              | NE           | NW          | N              |
| 11    | SW      | W      | SW       | SW                   | W           | W              | NW           | W           | SE             |
| 12    | SW      | W      | W        | E                    | W           | —              | E            | W           | SE             |
| 13    | —       | W      | W        | E                    | NE          | W              | E            | SE          | SE             |
| 14    | —       | W      | W        | W                    | W           | W              | W            | SE          | E              |
| 15    | SW      | W      | W        | E                    | NE          | NE             | E            | NE          | SE             |
| 16    | NE      | W      | NW       | NE                   | NE          | N              | E            | NE          | SW             |
| 17    | E       | W      | W        | NE                   | NE          | N              | E            | NE          | W              |
| 18    | NE      | W      | NW       | E                    | NE          | —              | E            | NE          | E              |
| 19    | NE      | W      | NW       | E                    | NE          | —              | E            | NE          | S              |
| 20    | NE      | W      | NE       | W                    | W           | W              | W            | W           | NW             |
| 21    | W       | SW     | N        | E                    | NE          | W              | E            | W           | SE             |
| 22    | NW      | NW     | NE       | NE                   | NE          | N              | NE           | NE          | NW             |
| 23    | N       | NW     | E        | W                    | NE          | —              | NE           | NE          | NW             |
| 24    | NE      | NW     | E        | E                    | NE          | N              | E            | NE          | N              |
| 25    | E       | NW     | SE       | NE                   | NE          | N              | E            | N           | N              |
| 26    | NW      | NW     | E        | NW                   | NE          | N              | W            | NW          | N              |
| 27    | NE      | NW     | NE       | NW                   | W           | NW             | N            | N           | N              |
| 28    | N       | —      | N        | N                    | NE          | NW             | NW           | NE          | SE             |
| 29    | SW      | —      | SW       | NW                   | W           | W              | NW           | SE          | SE             |
| 30    | W       | —      | SW       | SW                   | W           | W              | NW           | SE          | SE             |
| 31    | E       | —      | SW       | SW                   | W           | SW             | NW           | SE          | S              |
| N     | 15.5    | 0.0    | 6.5      | 0.0                  | 3.8         | 28.3           | 2.2          | 6.6         | 23.7           |
| NE    | 16.2    | 0.0    | 10.8     | 13.8                 | 45.2        | 0.0            | 6.5          | 29.7        | 2.6            |
| E     | 13.5    | 0.0    | 9.7      | 25.3                 | 0.5         | 2.2            | 33.3         | 7.7         | 17.8           |
| SE    | 5.4     | 0.0    | 6.5      | 5.7                  | 0.0         | 0.0            | 3.2          | 24.2        | 17.8           |
| S     | 9.5     | 0.0    | 5.4      | 0.0                  | 0.0         | 21.7           | 0.0          | 0.0         | 17.1           |
| SW    | 20.9    | 42.0   | 33.3     | 19.5                 | 4.8         | 0.0            | 2.2          | 6.6         | 5.3            |
| W     | 10.8    | 37.0   | 19.4     | 24.1                 | 45.2        | 47.8           | 29.0         | 16.5        | 9.2            |
| NW    | 8.1     | 21.0   | 8.6      | 11.5                 | 0.5         | 0.0            | 23.7         | 8.8         | 6.6            |

**runek wiatru**

runków wiatru w odsetkach.

| Do-<br>brze-<br>chów | Stara-<br>wieś | Jaro-<br>sław | Dro-<br>ho-<br>bycz | Lwów | Zło-<br>czów | Brze-<br>żany | Koło-<br>myja | Tar-<br>nopol | Czort-<br>ków |
|----------------------|----------------|---------------|---------------------|------|--------------|---------------|---------------|---------------|---------------|
| SE                   | S              | S             | SE                  | S    | —            | SW            | NW            | S             | S             |
| SE                   | S              | SW            | SW                  | SW   | SW           | SW            | SW            | S             | SW            |
| W                    | W              | NW            | SW                  | NW   | NW           | S             | W             | W             | NW            |
| SW                   | S              | W             | SW                  | NE   | —            | S             | NW            | SW            | S             |
| SW                   | W              | SW            | SW                  | NW   | SE           | W             | SW            | NW            | NW            |
| SW                   | S              | SW            | W                   | NE   | SE           | S             | NW            | SE            | S             |
| SW                   | SW             | SW            | —                   | SE   | SE           | S             | SE            | E             | SE            |
| SW                   | S              | SW            | —                   | SE   | SE           | SE            | SE            | SE            | SE            |
| W                    | SW             | SW            | N                   | SE   | SE           | S             | SE            | SE            | SE            |
| SW                   | N              | W             | N                   | NW   | S            | S             | SE            | NE            | S             |
| W                    | W              | NW            | N                   | W    | W            | SW            | SE            | W             | SW            |
| W                    | SW             | SW            | N                   | NW   | W            | W             | NW            | SW            | W             |
| W                    | S              | SW            | N                   | SE   | E            | W             | SE            | S             | NW            |
| W                    | W              | SE            | N                   | S    | S            | SW            | SE            | SW            | SE            |
| W                    | E              | S             | NW                  | NE   | —            | E             | SE            | NE            | NE            |
| W                    | E              | SE            | SE                  | SE   | E            | S             | SE            | E             | E             |
| NW                   | E              | E             | SE                  | SE   | SE           | SE            | E             | E             | SE            |
| NW                   | S              | SE            | SE                  | SE   | SE           | SE            | SE            | SE            | SE            |
| W                    | SW             | S             | W                   | SE   | SE           | S             | SE            | SE            | SE            |
| W                    | W              | NW            | W                   | NW   | W            | W             | NW            | W             | S             |
| E                    | SW             | S             | SW                  | SE   | SE           | SW            | S             | SE            | SE            |
| NE                   | SW             | NW            | NW                  | SW   | S            | S             | SE            | S             | NW            |
| NE                   | NW             | NW            | NE                  | SE   | NW           | N             | E             | NW            | N             |
| NE                   | E              | W             | NE                  | E    | NE           | N             | E             | NE            | E             |
| NE                   | E              | NE            | N                   | NE   | NE           | SE            | SE            | E             | E             |
| NE                   | NW             | NW            | W                   | NE   | NW           | N             | NW            | N             | N             |
| NE                   | NW             | SW            | W                   | NE   | NW           | N             | NW            | NW            | N             |
| NE                   | S              | NW            | S                   | S    | NE           | NW            | NW            | W             | N             |
| W                    | S              | SW            | SW                  | SE   | NW           | S             | SE            | S             | SE            |
| E                    | S              | S             | SW                  | SW   | SW           | W             | SW            | W             | S             |
| SW                   | SW             | SW            | SW                  | SW   | W            | W             | SW            | SW            | S             |
| 0.0                  | 6.5            | 0.0           | 21.9                | 2.2  | 2.9          | 8.6           | 1.1           | 7.6           | 11.4          |
| 20.4                 | 0.0            | 2.2           | 5.5                 | 22.6 | 11.8         | 0.0           | 0.0           | 4.8           | 2.3           |
| 5.4                  | 18.5           | 3.2           | 2.7                 | 3.2  | 5.9          | 5.4           | 10.2          | 21.5          | 15.9          |
| 8.6                  | 0.0            | 12.9          | 9.6                 | 31.2 | 32.4         | 11.8          | 40.3          | 14.5          | 26.1          |
| 0.0                  | 37.0           | 16.1          | 4.1                 | 9.7  | 11.8         | 37.6          | 4.3           | 18.3          | 22.7          |
| 23.7                 | 18.5           | 32.3          | 31.5                | 12.9 | 8.8          | 12.9          | 16.1          | 8.1           | 5.7           |
| 36.6                 | 10.9           | 12.9          | 17.8                | 2.2  | 11.8         | 16.1          | 1.1           | 19.4          | 2.3           |
| 5.4                  | 8.7            | 20.4          | 6.8                 | 16.1 | 14.7         | 7.5           | 26.9          | 5.9           | 13.6          |



**Sredni kie-**  
i liczba dostrzeżonych kie-

Styczeń 1877 roku.

| Dzień | Bielsko | Żywiec | Wadowice | Czerlichów | Kraków | Jodłownik | Bochnia | Tarnów | Końskie |
|-------|---------|--------|----------|------------|--------|-----------|---------|--------|---------|
| 1     | SE      | —      | N        | E          | W      | SW        | E       | SE     | SE      |
| 2     | S       | —      | SW       | SW         | W      | SW        | E       | SE     | E       |
| 3     | N       | SW     | N        | E          | W      | S         | NW      | SW     | SE      |
| 4     | SE      | SW     | N        | W          | NE     | SW        | W       | NE     | SE      |
| 5     | S       | W      | S        | SW         | SW     | SW        | W       | NW     | SE      |
| 6     | SW      | SW     | S        | E          | NE     | W         | W       | SE     | E       |
| 7     | SW      | SE     | S        | E          | NE     | S         | W       | NE     | SE      |
| 8     | SW      | S      | SE       | W          | NE     | W         | W       | NE     | SE      |
| 9     | SW      | S      | E        | SW         | NE     | W         | W       | NE     | SE      |
| 10    | W       | S      | NE       | E          | W      | —         | E       | SW     | S       |
| 11    | SW      | S      | N        | E          | NE     | —         | E       | W      | E       |
| 12    | SW      | S      | E        | —          | NE     | W         | E       | NE     | S       |
| 13    | W       | SW     | NE       | NW         | NE     | —         | E       | W      | N       |
| 14    | NE      | SW     | NE       | E          | NE     | —         | E       | NE     | N       |
| 15    | NE      | SW     | NE       | E          | NE     | N         | E       | E      | N       |
| 16    | NE      | SW     | NE       | NE         | NE     | —         | E       | NE     | N       |
| 17    | NE      | W      | NE       | NE         | NE     | —         | E       | NE     | E       |
| 18    | E       | SW     | NE       | E          | NE     | W         | E       | E      | E       |
| 19    | NW      | SW     | NW       | E          | E      | —         | E       | E      | NE      |
| 20    | NE      | W      | E        | NE         | NE     | E         | E       | NE     | NE      |
| 21    | NW      | SW     | E        | NE         | NE     | —         | E       | NE     | E       |
| 22    | NW      | SW     | NW       | E          | NE     | —         | E       | SW     | N       |
| 23    | NW      | W      | NE       | W          | W      | W         | W       | NE     | NW      |
| 24    | NW      | NW     | N        | NW         | W      | NW        | W       | N      | N       |
| 25    | NE      | NW     | NE       | W          | W      | E         | E       | NE     | NE      |
| 26    | NE      | NW     | E        | NE         | NE     | —         | W       | NE     | N       |
| 27    | SW      | NW     | E        | NE         | NE     | —         | E       | E      | NE      |
| 28    | SW      | SE     | SW       | SW         | NE     | S         | W       | SW     | N       |
| 29    | SW      | SW     | SW       | E          | W      | SW        | W       | SE     | SE      |
| 30    | SW      | SW     | SW       | W          | W      | S         | W       | SW     | S       |
| 31    | SW      | SW     | SW       | SW         | W      | SW        | W       | SW     | S       |
| N     | 5'4     | 2'3    | 12'0     | 0'0        | 3'8    | 5'6       | 0'0     | 2'2    | 27'2    |
| NE    | 18'5    | 0'0    | 28'3     | 29'5       | 58'1   | 0'0       | 0'0     | 44'1   | 1'2     |
| E     | 6'5     | 1'1    | 20'7     | 29'5       | 4'3    | 5'6       | 56'5    | 14'0   | 25'9    |
| SE    | 2'4     | 5'7    | 4'3      | 2'6        | 1'6    | 0'0       | 0'0     | 12'9   | 19'8    |
| S     | 16'7    | 16'1   | 12'0     | 0'0        | 0'0    | 38'9      | 0'0     | 0'0    | 17'3    |
| SW    | 27'4    | 49'4   | 16'3     | 14'1       | 2'2    | 0'0       | 1'1     | 17'2   | 3'7     |
| W     | 7'1     | 12'6   | 0'0      | 19'2       | 30'1   | 50'0      | 37'0    | 6'5    | 1'2     |
| NW    | 16'1    | 12'6   | 6'5      | 5'1        | 0'0    | 0'0       | 5'4     | 3'2    | 3'7     |

**runek wiatru**

runków wiatru w odsetkach.

| Do-<br>brze-<br>chów | Rze-<br>szów | Stara-<br>wieś | Ma-<br>niów | Jaro-<br>sław | Dro-<br>ho-<br>bycz | Lwów | Zło-<br>czów | Brze-<br>żany |
|----------------------|--------------|----------------|-------------|---------------|---------------------|------|--------------|---------------|
| SW                   | S            | SW             | SE          | S             | SW                  | S    | SW           | W             |
| SW                   | S            | SW             | S           | SW            | SW                  | SW   | SW           | SW            |
| SW                   | W            | SW             | S           | SW            | W                   | NW   | W            | NW            |
| SW                   | S            | SW             | S           | SW            | W                   | SE   | SE           | S             |
| SW                   | SE           | SW             | S           | S             | W                   | S    | SE           | S             |
| SE                   | S            | SW             | SE          | SE            | W                   | SW   | SE           | SW            |
| SE                   | S            | SW             | SE          | SE            | S                   | S    | SE           | SW            |
| SW                   | S            | S              | SE          | SW            | S                   | S    | SE           | SW            |
| SW                   | S            | SW             | SE          | SW            | SW                  | S    | SE           | S             |
| SW                   | SW           | W              | S           | SW            | W                   | NW   | S            | W             |
| SE                   | S            | W              | S           | S             | E                   | SE   | S            | W             |
| SE                   | S            | SW             | S           | NW            | SE                  | SE   | E            | W             |
| E                    | E            | E              | NE          | NE            | SE                  | NE   | SE           | SE            |
| E                    | E            | E              | W           | NE            | E                   | SE   | SE           | SE            |
| E                    | E            | E              | W           | NE            | E                   | NE   | SE           | SE            |
| E                    | —            | E              | NE          | E             | E                   | NE   | E            | SE            |
| E                    | —            | E              | NE          | S             | E                   | NE   | E            | SE            |
| E                    | E            | E              | W           | SE            | E                   | NE   | SE           | S             |
| E                    | E            | E              | W           | SE            | E                   | NE   | NE           | W             |
| E                    | —            | E              | E           | SE            | E                   | NE   | E            | NW            |
| E                    | —            | S              | NW          | SE            | E                   | SE   | SE           | W             |
| NW                   | —            | NE             | SW          | SW            | N                   | SW   | SE           | SW            |
| NW                   | NW           | NW             | N           | NW            | N                   | NW   | SW           | W             |
| NW                   | NW           | E              | N           | SE            | W                   | NE   | —            | W             |
| NW                   | NW           | E              | NE          | SE            | W                   | SE   | SE           | SE            |
| E                    | NW           | E              | SE          | E             | E                   | SE   | SE           | S             |
| E                    | NW           | E              | SE          | E             | N                   | SE   | SE           | SE            |
| E                    | W            | SW             | SE          | SE            | E                   | SE   | SE           | S             |
| SE                   | S            | SW             | S           | SW            | NE                  | SE   | SE           | S             |
| SE                   | S            | SW             | S           | W             | E                   | SE   | SE           | S             |
| SE                   | S            | S              | S           | SW            | S                   | SE   | SE           | S             |
| 0'0                  | 0'0          | 1'1            | 11'8        | 1'1           | 9'1                 | 0'0  | 0'0          | 0'0           |
| 0'0                  | 0'0          | 3'8            | 10'8        | 7'5           | 6'8                 | 22'6 | 2'5          | 0'0           |
| 39'1                 | 26'8         | 35'5           | 2'2         | 7'5           | 36'4                | 1'1  | 12'5         | 0'0           |
| 21'7                 | 2'8          | 0'5            | 19'4        | 26'9          | 3'4                 | 38'6 | 67'5         | 20'4          |
| 0'0                  | 44'4         | 25'3           | 38'7        | 12'9          | 6'8                 | 15'1 | 7'5          | 32'3          |
| 27'2                 | 5'6          | 24'2           | 2'2         | 33'3          | 9'1                 | 11'7 | 7'5          | 12'9          |
| 0'0                  | 5'6          | 7'5            | 8'6         | 3'2           | 28'4                | 3'2  | 2'5          | 28'0          |
| 12'0                 | 20'8         | 2'2            | 6'5         | 7'5           | 0'0                 | 7'5  | 0'0          | 6'5           |



## Średni kie-

i liczba dostrzeżonych kie-

Styczeń 1877 r. Luty 1877 roku.

| Dzień | Koło-<br>myja | Tarno-<br>pol | Czort-<br>ków | Biél-<br>sko | Ży-<br>wiec | Wado-<br>wice | Sucha | Czer-<br>ni-<br>chów | Kra-<br>ków |
|-------|---------------|---------------|---------------|--------------|-------------|---------------|-------|----------------------|-------------|
| 1     | SW            | S             | S             | N            | SW          | SW            | NW    | W                    | W           |
| 2     | SW            | SW            | N             | N            | W           | W             | NW    | W                    | W           |
| 3     | NE            | W             | S             | NE           | W           | N             | W     | E                    | NE          |
| 4     | S             | S             | SE            | E            | SW          | N             | E     | E                    | NE          |
| 5     | E             | SE            | E             | SW           | SW          | SW            | NW    | W                    | NE          |
| 6     | SE            | S             | S             | W            | SW          | W             | NW    | SW                   | W           |
| 7     | SE            | SW            | SW            | W            | SW          | W             | NW    | W                    | W           |
| 8     | SW            | S             | S             | W            | W           | W             | NW    | W                    | W           |
| 9     | —             | S             | SW            | SW           | W           | W             | NW    | W                    | W           |
| 10    | —             | SW            | S             | SW           | W           | SW            | NW    | W                    | W           |
| 11    | SE            | SE            | S             | N            | W           | W             | NW    | W                    | W           |
| 12    | E             | NE            | E             | N            | W           | SW            | NW    | NW                   | W           |
| 13    | SE            | E             | E             | NW           | NW          | E             | W     | NE                   | NE          |
| 14    | SE            | E             | E             | NW           | NW          | SE            | W     | W                    | NE          |
| 15    | SE            | E             | E             | SW           | SE          | N             | E     | E                    | NE          |
| 16    | SE            | E             | NE            | NE           | SW          | W             | E     | SW                   | NE          |
| 17    | E             | NE            | N             | N            | SW          | W             | W     | SW                   | W           |
| 18    | SE            | SE            | E             | SW           | SW          | NW            | W     | W                    | W           |
| 19    | E             | E             | E             | SW           | SW          | NE            | E     | NE                   | NE          |
| 20    | SE            | N             | NE            | SW           | SW          | SE            | E     | NE                   | NE          |
| 21    | SE            | NE            | NE            | SE           | SE          | E             | NW    | NE                   | W           |
| 22    | SE            | N             | N             | SW           | NE          | NW            | NW    | W                    | W           |
| 23    | SW            | NW            | NW            | NW           | NW          | W             | NW    | W                    | W           |
| 24    | SE            | S             | S             | W            | W           | W             | W     | W                    | W           |
| 25    | E             | NE            | E             | W            | SW          | SW            | NW    | SW                   | SW          |
| 26    | SE            | E             | E             | NW           | W           | SW            | NW    | W                    | SW          |
| 27    | E             | SE            | E             | W            | W           | SW            | NW    | W                    | W           |
| 28    | SE            | SE            | SE            | NW           | SW          | NW            | NW    | W                    | W           |
| 29    | SE            | SE            | SE            |              |             |               |       |                      |             |
| 30    | SE            | S             | S             |              |             |               |       |                      |             |
| 31    | SE            | S             | SE            |              |             |               |       |                      |             |
| N     | 0'0           | 2'7           | 12'2          | 6'7          | 0'0         | 9'5           | 1'2   | 0'0                  | 0'0         |
| NE    | 3'5           | 8'1           | 10'0          | 10'7         | 3'6         | 3'6           | 0'0   | 17'5                 | 31'0        |
| E     | 22'0          | 29'0          | 27'8          | 1'3          | 0'0         | 8'3           | 21'4  | 7'5                  | 1'2         |
| SE    | 53'5          | 14'5          | 16'7          | 8'0          | 8'3         | 3'6           | 6'0   | 0'0                  | 0'0         |
| S     | 2'4           | 28'0          | 20'0          | 0'7          | 1'2         | 3'6           | 0'0   | 0'0                  | 0'0         |
| SW    | 15'3          | 4'8           | 6'7           | 24'7         | 30'3        | 20'8          | 0'0   | 12'5                 | 3'0         |
| W     | 0'0           | 7'5           | 2'2           | 22'7         | 32'1        | 35'1          | 29'8  | 58'7                 | 64'0        |
| NW    | 2'4           | 5'4           | 4'4           | 25'3         | 15'5        | 15'5          | 41'7  | 3'8                  | 0'0         |

## runek wiatru

runków wiatru w odsetkach.

| Jodo-<br>wnik | Boch-<br>nia | Tar-<br>nów | Koła-<br>czyce | Do-<br>brze-<br>chów | Rze-<br>szów | Stara-<br>wieś | Ma-<br>niów | Jaro-<br>sław | Dro-<br>ho-<br>bycz |
|---------------|--------------|-------------|----------------|----------------------|--------------|----------------|-------------|---------------|---------------------|
| W             | W            | W           | SW             | SE                   | SW           | W              | S           | NW            | SW                  |
| W             | W            | W           | N              | SE                   | W            | NW             | N           | SW            | W                   |
| —             | E            | NE          | N              | E                    | W            | NW             | N           | SW            | W                   |
| W             | E            | W           | S              | NE                   | W            | S              | S           | W             | W                   |
| W             | E            | W           | E              | W                    | SW           | SW             | S           | NW            | W                   |
| W             | W            | W           | SW             | W                    | SW           | SW             | S           | NW            | W                   |
| SW            | W            | W           | W              | W                    | SW           | SW             | S           | SW            | W                   |
| W             | W            | NW          | NW             | W                    | SW           | NW             | S           | SW            | W                   |
| W             | W            | NW          | NW             | SW                   | W            | W              | NW          | SW            | W                   |
| W             | W            | W           | S              | W                    | W            | SW             | S           | NW            | W                   |
| W             | W            | NW          | S              | W                    | NW           | NW             | NW          | NW            | NW                  |
| W             | W            | W           | W              | W                    | S            | W              | SW          | NW            | W                   |
| E             | E            | E           | E              | NW                   | S            | NW             | N           | NW            | W                   |
| N             | NW           | NW          | N              | NW                   | —            | NW             | N           | SE            | W                   |
| W             | E            | NE          | N              | NW                   | —            | SW             | S           | SE            | NE                  |
| SW            | NE           | NE          | S              | NW                   | —            | SW             | SE          | SE            | W                   |
| S             | W            | NE          | S              | NW                   | —            | SW             | SE          | NE            | W                   |
| —             | W            | W           | —              | W                    | —            | W              | SW          | NE            | W                   |
| SE            | SE           | W           | NE             | W                    | N            | SW             | NE          | E             | NE                  |
| —             | SE           | SE          | S              | SE                   | —            | S              | S           | SE            | NE                  |
| S             | SE           | SE          | SE             | SW                   | NE           | E              | SE          | NE            | E                   |
| —             | NW           | W           | N              | SW                   | E            | NW             | N           | NW            | E                   |
| W             | NW           | NW          | NW             | SW                   | NW           | NW             | NW          | NW            | W                   |
| W             | NE           | W           | NW             | NW                   | W            | NW             | NW          | NW            | W                   |
| SW            | NE           | E           | SE             | SW                   | S            | SW             | S           | SW            | W                   |
| SW            | NW           | W           | W              | SW                   | SW           | SW             | S           | NW            | SW                  |
| W             | NW           | W           | W              | NW                   | W            | W              | N           | NW            | W                   |
| W             | NW           | W           | W              | E                    | W            | W              | N           | SW            | SW                  |
| 5'2           | 0'0          | 1'2         | 25'7           | 0'0                  | 6'1          | 3'6            | 19'0        | 2'4           | 0'0                 |
| 0'0           | 9'5          | 14'3        | 0'0            | 3'6                  | 1'5          | 0'0            | 2'4         | 11'9          | 12'2                |
| 3'4           | 19'0         | 9'5         | 11'8           | 8'4                  | 6'1          | 3'6            | 3'6         | 2'4           | 6'5                 |
| 0'0           | 10'7         | 6'0         | 7'2            | 9'6                  | 0'0          | 0'0            | 8'3         | 13'1          | 0'0                 |
| 12'1          | 0'0          | 1'2         | 23'0           | 0'0                  | 15'2         | 17'9           | 40'5        | 2'4           | 0'0                 |
| 0'0           | 1'2          | 0'0         | 4'6            | 24'1                 | 18'2         | 23'8           | 2'1         | 17'9          | 9'1                 |
| 79'3          | 38'1         | 51'2        | 16'4           | 27'7                 | 47'0         | 23'8           | 4'8         | 6'0           | 62'3                |
| 0'0           | 21'4         | 16'7        | 11'2           | 26'5                 | 6'1          | 27'4           | 19'0        | 44'0          | 3'9                 |



**Sredni kie-**  
i liczba dostrzeżonych kie-  
*Luty 1877 roku.*      *Marzec 1877 r.*

| Dzień | Lwów | Złoczów | Brzeżany | Koło-<br>myja | Tar-<br>nopol | Czort-<br>ków | Bielsko | Zywiec | Wadowice |
|-------|------|---------|----------|---------------|---------------|---------------|---------|--------|----------|
| 1     | W    | SW      | S        | SE            | S             | S             | W       | NW     | N        |
| 2     | W    | SW      | SW       | SE            | SW            | S             | NW      | NW     | NW       |
| 3     | NE   | SW      | S        | SE            | N             | SW            | W       | NW     | NW       |
| 4     | S    | SW      | S        | E             | S             | SW            | SE      | NW     | N        |
| 5     | SE   | W       | S        | SE            | W             | S             | S       | NW     | E        |
| 6     | SW   | W       | W        | W             | W             | NW            | S       | S      | SE       |
| 7     | SW   | SW      | W        | SW            | W             | W             | NW      | SW     | SE       |
| 8     | SW   | NW      | NW       | NW            | NW            | NW            | NW      | NW     | NW       |
| 9     | NW   | W       | NW       | W             | SW            | W             | NE      | NE     | NE       |
| 10    | NW   | NW      | NW       | NW            | NW            | W             | NE      | NW     | NE       |
| 11    | NW   | W       | NW       | NW            | NW            | NW            | E       | N      | W        |
| 12    | NW   | W       | NW       | W             | SW            | SW            | S       | NW     | W        |
| 13    | NW   | NW      | NW       | NW            | NW            | NW            | SW      | NW     | SW       |
| 14    | NW   | NW      | NW       | NW            | NW            | N             | SW      | W      | W        |
| 15    | SW   | N       | NW       | E             | SW            | NW            | W       | W      | SW       |
| 16    | S    | NE      | S        | E             | S             | E             | SW      | W      | SW       |
| 17    | SE   | SE      | S        | E             | S             | E             | W       | W      | SW       |
| 18    | SW   | SE      | S        | E             | SE            | S             | NW      | W      | W        |
| 19    | SE   | W       | S        | W             | S             | S             | E       | W      | NE       |
| 20    | SE   | SE      | S        | E             | SE            | SE            | S       | SW     | S        |
| 21    | SE   | SE      | S        | SE            | SE            | E             | W       | SW     | W        |
| 22    | SE   | SE      | SE       | E             | SE            | S             | SW      | SW     | SW       |
| 23    | NE   | NE      | SE       | SE            | NE            | E             | SW      | SW     | SW       |
| 24    | N    | —       | NW       | NW            | W             | NW            | NE      | NW     | NE       |
| 25    | SE   | SW      | W        | SW            | S             | SE            | SE      | NW     | SW       |
| 26    | NW   | W       | SW       | SW            | SE            | S             | SW      | SE     | SW       |
| 27    | NW   | W       | W        | NW            | W             | NW            | SW      | SE     | S        |
| 28    | SE   | S       | W        | S             | SE            | NW            | SW      | W      | SW       |
| 29    |      |         |          |               |               |               | SW      | W      | SW       |
| 30    |      |         |          |               |               |               | NW      | SW     | SW       |
| 31    |      |         |          |               |               |               | W       | SW     | NW       |
| N     | 6'o  | 2'4     | 0'o      | 0'o           | 5'4           | 14'6          | 7'3     | 5'4    | 6'5      |
| NE    | 7'1  | 4'8     | 0'o      | 1'2           | 2'4           | 0'o           | 6'1     | 3'2    | 12'9     |
| E     | 0'o  | 0'o     | 0'o      | 21'7          | 3'o           | 11'o          | 6'7     | 0'o    | 4'3      |
| SE    | 27'6 | 21'4    | 8'3      | 16'9          | 16'7          | 14'6          | 6'7     | 8'6    | 4'3      |
| S     | 10'7 | 2'4     | 35'7     | 3'6           | 27'4          | 24'4          | 18'3    | 5'4    | 7'5      |
| SW    | 13'1 | 35'7    | 4'8      | 16'9          | 8'3           | 3'6           | 23'2    | 21'5   | 33'3     |
| W     | 4'8  | 11'9    | 17'9     | 25'6          | 15'7          | 11'o          | 19'5    | 20'4   | 19'4     |
| NW    | 29'8 | 21'4    | 33'3     | 24'1          | 11'3          | 20'7          | 12'2    | 35'5   | 11'8     |

**runek wiatru**

runków wiatru w odsetkach.

| Sucha | Czer-<br>ni-<br>chów | Kra-<br>ków | Poro-<br>nin | Jodł-<br>wnik | Boch-<br>nia | Tar-<br>nów | Koła-<br>czyce | Do-<br>brze-<br>chów | Rze-<br>szów |
|-------|----------------------|-------------|--------------|---------------|--------------|-------------|----------------|----------------------|--------------|
| W     | W                    | NE          | W            | N             | N            | NW          | N              | NW                   | W            |
| NW    | W                    | NE          | —            | NW            | NW           | NW          | N              | NW                   | NW           |
| E     | W                    | NE          | E            | N             | E            | NE          | N              | NW                   | NW           |
| E     | W                    | NE          | E            | —             | E            | NE          | NW             | NW                   | NW           |
| SE    | NE                   | NE          | —            | —             | SE           | NE          | E              | NE                   | S            |
| SE    | E                    | NE          | NW           | S             | SE           | E           | SE             | SE                   | S            |
| NW    | E                    | NE          | S            | S             | W            | SE          | SE             | SE                   | S            |
| NW    | W                    | W           | SW           | W             | NW           | W           | NW             | W                    | SW           |
| NW    | NE                   | NE          | E            | N             | NE           | NW          | N              | NW                   | NW           |
| W     | NE                   | NE          | NE           | N             | E            | N           | N              | NW                   | NW           |
| E     | NE                   | NW          | —            | —             | W            | E           | N              | NW                   | W            |
| E     | W                    | W           | N            | —             | W            | W           | NW             | NW                   | W            |
| E     | NW                   | NE          | —            | SW            | E            | NE          | S              | NW                   | S            |
| W     | W                    | W           | W            | W             | NW           | W           | S              | W                    | S            |
| NW    | W                    | W           | —            | W             | NW           | W           | SW             | W                    | W            |
| E     | W                    | W           | SW           | SW            | W            | W           | SE             | SE                   | SW           |
| W     | W                    | W           | W            | SW            | E            | W           | S              | SE                   | S            |
| W     | W                    | W           | W            | W             | E            | W           | W              | SE                   | W            |
| E     | NE                   | NE          | W            | E             | E            | NE          | SE             | W                    | SE           |
| SE    | SW                   | W           | W            | S             | E            | NE          | S              | SE                   | S            |
| E     | NW                   | W           | SW           | W             | E            | SW          | SE             | SW                   | SW           |
| SE    | W                    | W           | S            | W             | SE           | W           | S              | SW                   | SW           |
| E     | E                    | NE          | S            | S             | SE           | E           | SE             | SW                   | S            |
| NW    | NE                   | NW          | S            | NW            | N            | W           | NW             | W                    | W            |
| E     | NE                   | NE          | NE           | S             | E            | W           | SE             | W                    | E            |
| SE    | SW                   | NE          | S            | S             | E            | SW          | SE             | SE                   | SE           |
| SE    | SW                   | SW          | S            | S             | E            | S           | S              | SW                   | SE           |
| SE    | SW                   | W           | SW           | W             | W            | W           | S              | SW                   | S            |
| W     | W                    | W           | S            | SW            | W            | W           | SE             | SE                   | W            |
| W     | SW                   | W           | SW           | W             | W            | W           | N              | SW                   | W            |
| NW    | SW                   | W           | W            | W             | W            | W           | N              | SW                   | NW           |
| 1'6   | 0'o                  | 2'7         | 5'1          | 16'4          | 5'4          | 3'2         | 24'4           | 0'o                  | 2'4          |
| 1'6   | 23'9                 | 37'1        | 8'5          | 0'o           | 2'2          | 19'4        | 1'1            | 0'o                  | 0'o          |
| 39'8  | 10'9                 | 4'3         | 15'3         | 1'8           | 34'4         | 9'7         | 9'7            | 1'1                  | 7'1          |
| 11'8  | 0'o                  | 0'o         | 1'7          | 0'o           | 11'8         | 4'3         | 20'5           | 24'7                 | 7'1          |
| 2'2   | 0'o                  | 0'o         | 30'5         | 36'4          | 1'1          | 2'2         | 24'4           | 0'o                  | 29'4         |
| 1'1   | 18'5                 | 1'1         | 13'6         | 0'o           | 0'o          | 7'5         | 2'3            | 22'6                 | 10'6         |
| 25'8  | 42'4                 | 51'1        | 23'7         | 45'5          | 31'2         | 44'1        | 7'4            | 18'3                 | 24'7         |
| 16'1  | 4'3                  | 3'8         | 1'7          | 0'o           | 14'0         | 9'7         | 10'2           | 33'3                 | 18'8         |



**Średni kie**  
i liczba dostrzeżonych kie-

*Kwiecień 1877 r.*

| Dzień | Koła-<br>czyce | Do-<br>brze-<br>chów | Rze-<br>szów | Stara-<br>wieś | Ma-<br>niów | Jaro-<br>sław | Dro-<br>ho-<br>hycz | Lwów | Zło-<br>czów |
|-------|----------------|----------------------|--------------|----------------|-------------|---------------|---------------------|------|--------------|
| 1     | W              | SW                   | W            | SW             | S           | SW            | W                   | SW   | SW           |
| 2     | NW             | SW                   | —            | NW             | NW          | NW            | W                   | NW   | W            |
| 3     | N              | NW                   | —            | NW             | NW          | NW            | W                   | NW   | NW           |
| 4     | E              | E                    | —            | S              | SE          | NW            | E                   | NW   | NW           |
| 5     | SE             | NE                   | E            | SE             | S           | SW            | E                   | SE   | SE           |
| 6     | S              | SW                   | W            | NW             | W           | SW            | E                   | NW   | SE           |
| 7     | N              | SW                   | W            | E              | N           | SE            | E                   | SE   | —            |
| 8     | N              | SW                   | NW           | N              | N           | E             | W                   | N    | —            |
| 9     | SW             | SW                   | S            | SW             | S           | SE            | S                   | SE   | —            |
| 10    | SE             | SW                   | S            | SW             | S           | SE            | SE                  | S    | E            |
| 11    | S              | SW                   | SE           | SW             | SW          | SW            | SE                  | SE   | SE           |
| 12    | N              | SW                   | NW           | NW             | W           | NW            | W                   | SE   | SE           |
| 13    | NW             | NW                   | NW           | N              | N           | NW            | NW                  | NE   | NW           |
| 14    | NW             | W                    | N            | NW             | N           | NE            | W                   | NW   | NW           |
| 15    | N              | W                    | NW           | N              | N           | NE            | W                   | NE   | W            |
| 16    | N              | NE                   | NW           | NW             | N           | NE            | W                   | NE   | W            |
| 17    | SE             | NE                   | NW           | SE             | NE          | NE            | W                   | SE   | SE           |
| 18    | NE             | NE                   | NW           | E              | SE          | NE            | W                   | NE   | NW           |
| 19    | N              | NE                   | NW           | NW             | N           | E             | W                   | NE   | NW           |
| 20    | N              | NE                   | NW           | N              | NE          | NE            | W                   | SE   | NW           |
| 21    | N              | NE                   | N            | NE             | NE          | NE            | W                   | NE   | N            |
| 22    | N              | NE                   | W            | NW             | N           | N             | W                   | NE   | NW           |
| 23    | NW             | W                    | W            | NW             | NW          | NW            | W                   | NW   | SW           |
| 24    | W              | W                    | W            | NW             | S           | NW            | W                   | NW   | W            |
| 25    | W              | W                    | W            | NW             | NW          | N             | W                   | NW   | NE           |
| 26    | NW             | E                    | W            | NW             | N           | NW            | W                   | NE   | NE           |
| 27    | NE             | W                    | W            | E              | E           | NW            | NE                  | NE   | NE           |
| 28    | W              | W                    | NE           | S              | N           | SW            | NE                  | NE   | E            |
| 29    | SW             | W                    | NE           | S              | S           | SE            | E                   | NE   | E            |
| 30    | S              | E                    | SE           | SW             | S           | NW            | E                   | SW   | S            |
| 31    |                |                      |              |                |             |               |                     |      |              |
| N     | 39'5           | 0'0                  | 10'1         | 19'4           | 31'1        | 8'9           | 0'0                 | 4'4  | 2'9          |
| NE    | 0'7            | 28'9                 | 8'7          | 2'8            | 10'0        | 22'2          | 5'3                 | 28'9 | 8'8          |
| E     | 9'2            | 11'1                 | 8'7          | 10'0           | 4'4         | 6'7           | 23'7                | 4'4  | 14'7         |
| SE    | 8'6            | 0'0                  | 5'8          | 3'3            | 4'4         | 16'7          | 6'6                 | 21'1 | 20'6         |
| S     | 13'8           | 0'0                  | 4'3          | 16'1           | 23'3        | 0'0           | 2'6                 | 5'6  | 8'8          |
| SW    | 2'6            | 26'7                 | 0'0          | 10'6           | 5'6         | 14'4          | 1'3                 | 7'8  | 8'8          |
| W     | 11'2           | 25'6                 | 33'3         | 8'3            | 6'7         | 0'0           | 56'6                | 3'3  | 11'8         |
| NW    | 14'5           | 7'8                  | 29'0         | 29'4           | 14'4        | 31'1          | 3'9                 | 24'4 | 23'6         |

**run ek wiatru**

runków wiatru w odsetkach.

*Maj 1877 r.*

| Brze-<br>żany | Koło-<br>myja | Tarno-<br>pol | Czort-<br>ków | Biél-<br>sko | Ży-<br>wiec | Wado-<br>wice | Sucha | Czer-<br>ni-<br>chów | Kra-<br>ków |
|---------------|---------------|---------------|---------------|--------------|-------------|---------------|-------|----------------------|-------------|
| SW            | SW            | W             | W             | NW           | SW          | SW            | W     | W                    | W           |
| NW            | SW            | W             | NW            | N            | NW          | N             | NW    | W                    | NE          |
| NW            | SW            | W             | W             | NW           | NW          | NE            | SE    | NW                   | W           |
| W             | NW            | NW            | NW            | W            | NW          | N             | NW    | W                    | NE          |
| S             | E             | SE            | E             | S            | NW          | NW            | E     | E                    | NE          |
| S             | SE            | SE            | SW            | E            | N           | N             | E     | E                    | NE          |
| S             | E             | SE            | SE            | NE           | NE          | E             | E     | E                    | NE          |
| N             | NW            | N             | W             | E            | E           | E             | W     | E                    | NE          |
| S             | NE            | W             | E             | W            | NE          | SW            | W     | E                    | NE          |
| SE            | SE            | SE            | S             | SW           | NW          | SW            | W     | W                    | W           |
| SE            | E             | SE            | SE            | SW           | SW          | SW            | NW    | W                    | W           |
| S             | E             | SE            | S             | S            | —           | S             | S     | SW                   | NE          |
| N             | NW            | N             | NW            | SE           | —           | S             | S     | SW                   | NE          |
| NW            | NW            | NW            | NW            | SW           | —           | SW            | SW    | SW                   | W           |
| NE            | NW            | NE            | NE            | W            | —           | NW            | SE    | SE                   | W           |
| NE            | NW            | N             | NE            | NW           | NW          | W             | NW    | W                    | W           |
| S             | SE            | E             | E             | NW           | NW          | NW            | NW    | W                    | W           |
| E             | SE            | NE            | NW            | NE           | NW          | NW            | W     | NE                   | NE          |
| NW            | NW            | NW            | NW            | N            | NW          | W             | NW    | SW                   | W           |
| N             | NE            | E             | NE            | NW           | NW          | NW            | W     | W                    | W           |
| N             | NW            | N             | N             | NW           | NW          | SW            | W     | W                    | NW          |
| NW            | NW            | NW            | NW            | NW           | NW          | W             | NW    | W                    | NW          |
| NW            | NW            | W             | NW            | NW           | NW          | W             | W     | W                    | W           |
| W             | SE            | W             | SW            | NE           | NW          | NE            | W     | N                    | N           |
| N             | NW            | W             | N             | NE           | NE          | NE            | NW    | NE                   | NE          |
| NW            | NW            | NW            | NW            | NW           | NW          | NW            | W     | W                    | W           |
| W             | NW            | NW            | NE            | NW           | N           | NW            | W     | W                    | W           |
| S             | SE            | E             | E             | SW           | SW          | SW            | S     | SW                   | SW          |
| S             | SE            | SE            | S             | S            | SW          | S             | E     | W                    | S           |
| S             | SE            | SE            | SE            | SW           | SE          | S             | S     | SW                   | SW          |
|               |               |               |               | SE           | SE          | NE            | W     | SE                   | SW          |
| 17'8          | 0'0           | 12'8          | 3'4           | 15'3         | 8'6         | 7'5           | 1'6   | 0'0                  | 1'6         |
| 4'4           | 8'9           | 3'9           | 11'2          | 11'2         | 11'1        | 10'8          | 1'1   | 5'8                  | 32'8        |
| 4'4           | 11'1          | 16'7          | 14'6          | 9'4          | 3'7         | 7'5           | 21'5  | 23'3                 | 1'1         |
| 6'7           | 23'3          | 21'7          | 12'3          | 5'3          | 8'6         | 1'1           | 5'4   | 4'7                  | 0'0         |
| 30'0          | 1'1           | 2'2           | 10'1          | 15'3         | 0'0         | 12'9          | 7'5   | 3'5                  | 1'1         |
| 1'1           | 6'7           | 0'6           | 4'5           | 11'8         | 9'9         | 22'6          | 1'1   | 14'0                 | 7'5         |
| 14'4          | 4'4           | 20'0          | 11'2          | 10'6         | 1'2         | 15'1          | 38'7  | 38'4                 | 51'1        |
| 21'1          | 44'4          | 22'2          | 32'6          | 21'2         | 56'8        | 22'6          | 23'1  | 10'5                 | 4'8         |



**Średni kie-**  
i liczba dostrzeżonych kie-

Maj 1877 roku.

| Dzień | Poro-<br>nin | Jodło-<br>wnik | Bocho-<br>nia | Tar-<br>nów | Kola-<br>czyce | Do-<br>brze-<br>chów | Rze-<br>szów | Stara-<br>wieś | Ma-<br>niów |
|-------|--------------|----------------|---------------|-------------|----------------|----------------------|--------------|----------------|-------------|
| 1     | W            | W              | NW            | NW          | NW             | E                    | NW           | NW             | NW          |
| 2     | W            | W              | NW            | N           | NW             | E                    | N            | NW             | NW          |
| 3     | E            | S              | NW            | N           | NW             | E                    | NW           | NW             | NE          |
| 4     | W            | W              | W             | N           | NE             | E                    | W            | N              | W           |
| 5     | —            | —              | SE            | W           | E              | E                    | —            | S              | SE          |
| 6     | —            | —              | SE            | N           | NW             | W                    | —            | N              | SE          |
| 7     | E            | —              | E             | NE          | NE             | E                    | NW           | NE             | NE          |
| 8     | NE           | SE             | E             | SE          | SE             | E                    | E            | E              | E           |
| 9     | —            | S              | E             | SE          | E              | E                    | E            | SE             | S           |
| 10    | SE           | W              | W             | W           | NW             | SE                   | W            | W              | S           |
| 11    | SW           | SW             | W             | NW          | W              | SW                   | SW           | W              | S           |
| 12    | SW           | —              | W             | SW          | S              | SW                   | S            | SW             | S           |
| 13    | SE           | S              | W             | W           | S              | SE                   | S            | S              | S           |
| 14    | SW           | W              | W             | W           | NW             | SW                   | W            | SW             | S           |
| 15    | S            | S              | SW            | W           | W              | SW                   | SW           | S              | SE          |
| 16    | W            | W              | NW            | W           | NW             | SW                   | NW           | S              | NW          |
| 17    | W            | W              | NW            | W           | NW             | W                    | NW           | NW             | N           |
| 18    | —            | —              | W             | W           | N              | SW                   | NW           | NW             | NW          |
| 19    | —            | W              | W             | W           | NW             | W                    | NW           | NW             | N           |
| 20    | —            | W              | W             | W           | W              | W                    | W            | NW             | NE          |
| 21    | N            | W              | W             | W           | NW             | SE                   | SW           | NW             | NW          |
| 22    | W            | W              | NW            | W           | NW             | SW                   | W            | NW             | NW          |
| 23    | W            | —              | W             | W           | W              | SW                   | W            | W              | N           |
| 24    | E            | W              | W             | N           | NW             | SW                   | NW           | N              | N           |
| 25    | —            | N              | E             | NE          | N              | NE                   | N            | NE             | NE          |
| 26    | NW           | N              | E             | NW          | NW             | NW                   | W            | SW             | NE          |
| 27    | W            | W              | W             | W           | NW             | NW                   | W            | W              | W           |
| 28    | S            | SW             | S             | SE          | SE             | SE                   | SW           | S              | S           |
| 29    | S            | S              | SW            | SW          | S              | SE                   | S            | S              | S           |
| 30    | S            | SW             | SW            | SW          | SE             | SE                   | S            | SW             | S           |
| 31    | S            | S              | —             | W           | SE             | SW                   | S            | SW             | S           |
| N     | 6·7          | 11·4           | 0·0           | 14·0        | 15·2           | 0·0                  | 10·0         | 14·0           | 15·1        |
| NE    | 2·2          | 0·0            | 0·0           | 7·5         | 2·5            | 4·3                  | 0·0          | 0·5            | 14·0        |
| E     | 11·1         | 0·0            | 17·8          | 0·0         | 12·7           | 21·5                 | 5·0          | 7·0            | 3·2         |
| SE    | 8·9          | 2·3            | 3·3           | 7·5         | 13·9           | 23·7                 | 1·2          | 5·4            | 7·5         |
| S     | 20·0         | 22·7           | 4·4           | 1·1         | 10·1           | 0·0                  | 20·0         | 25·3           | 35·5        |
| SW    | 11·1         | 2·3            | 11·1          | 9·7         | 2·5            | 29·0                 | 10·0         | 9·1            | 2·2         |
| W     | 33·3         | 61·4           | 43·3          | 49·5        | 10·6           | 16·1                 | 31·3         | 14·5           | 3·2         |
| NW    | 6·7          | 0·0            | 20·0          | 10·8        | 23·4           | 5·4                  | 22·5         | 24·2           | 19·4        |

**runek wiatru**

runków wiatru w odsetkach.

| Jaro-<br>sław | Dro-<br>ho-<br>bycz | Lwów | Stani-<br>sła-<br>wów | Zło-<br>czów | Brze-<br>żany | Koło-<br>myja | Tarno-<br>pol | Czort-<br>ków |
|---------------|---------------------|------|-----------------------|--------------|---------------|---------------|---------------|---------------|
| NW            | W                   | NE   | NW                    | S            | SE            | SW            | NW            | SE            |
| N             | W                   | N    | NW                    | N            | N             | NW            | NW            | NW            |
| NW            | W                   | NW   | NW                    | N            | N             | NW            | W             | N             |
| SE            | NW                  | SW   | NW                    | NW           | W             | NW            | NW            | SE            |
| SE            | E                   | SW   | NE                    | SW           | E             | SE            | E             | NE            |
| SE            | SW                  | NE   | NW                    | S            | S             | SW            | S             | SE            |
| SE            | SW                  | E    | NW                    | N            | N             | SE            | SE            | N             |
| E             | SW                  | SE   | SE                    | E            | SE            | SE            | SE            | E             |
| S             | W                   | SE   | SE                    | SE           | S             | SE            | S             | SE            |
| W             | W                   | W    | NW                    | NW           | NW            | SE            | SE            | W             |
| SW            | W                   | SW   | W                     | SW           | W             | SE            | SE            | SW            |
| SW            | SW                  | SW   | SW                    | S            | W             | SE            | E             | S             |
| SE            | SW                  | SW   | SW                    | S            | SW            | S             | S             | S             |
| SW            | SW                  | SW   | W                     | SW           | W             | SW            | SW            | W             |
| SW            | E                   | SW   | SE                    | SE           | S             | E             | SW            | SW            |
| SW            | E                   | SE   | SE                    | SE           | S             | NW            | W             | SE            |
| NW            | W                   | NE   | NW                    | NW           | NW            | NW            | NW            | E             |
| NW            | W                   | SE   | NW                    | NE           | N             | NW            | NW            | E             |
| NW            | W                   | SE   | NW                    | —            | W             | NW            | NW            | S             |
| NW            | E                   | SE   | SE                    | SE           | S             | NW            | W             | SE            |
| NW            | W                   | NW   | NW                    | —            | N             | NW            | NW            | NE            |
| SW            | W                   | NW   | NW                    | NW           | NW            | NW            | NW            | NW            |
| SW            | W                   | NE   | NW                    | N            | N             | NW            | W             | NW            |
| NW            | W                   | NW   | NW                    | NW           | NW            | NW            | W             | E             |
| E             | E                   | NE   | SW                    | N            | N             | NW            | N             | —             |
| SW            | E                   | SE   | SE                    | E            | S             | SE            | S             | —             |
| SW            | W                   | NW   | NW                    | NW           | NW            | NW            | W             | —             |
| SE            | SW                  | SW   | —                     | W            | NW            | SE            | S             | —             |
| SW            | SE                  | S    | E                     | E            | SW            | SE            | S             | —             |
| SW            | SW                  | S    | SW                    | S            | S             | SE            | SW            | —             |
| SW            | SW                  | SW   | —                     | SW           | W             | SE            | SW            | —             |
| 5·4           | 0·0                 | 4·3  | 4·0                   | 16·7         | 25·8          | 3·3           | 10·5          | 11·4          |
| 2·2           | 1·1                 | 12·0 | 3·0                   | 3·3          | 1·1           | 1·1           | 2·2           | 4·3           |
| 7·5           | 18·5                | 8·6  | 9·0                   | 10·0         | 3·2           | 4·4           | 5·4           | 12·9          |
| 19·4          | 5·4                 | 18·2 | 13·0                  | 16·7         | 3·2           | 34·4          | 18·7          | 27·1          |
| 1·1           | 1·1                 | 14·0 | 2·0                   | 13·3         | 23·7          | 3·3           | 11·6          | 17·1          |
| 40·9          | 19·6                | 19·4 | 9·0                   | 16·7         | 6·5           | 7·8           | 15·6          | 4·3           |
| 1·1           | 47·8                | 5·3  | 18·0                  | 3·3          | 20·4          | 2·2           | 3·2           | 7·1           |
| 22·6          | 6·5                 | 17·2 | 42·0                  | 20·0         | 16·1          | 43·3          | 32·8          | 15·7          |



**Średni kie-**  
**i liczba dostrzeżonych kie-**

Czerwiec 1877 r.

| Dzień | Biłsko | Żywiec | Wadowice | Sucha | Czer-<br>nichów | Kra-<br>ków | Rabka | Poro-<br>nin | Jodko-<br>wnik |
|-------|--------|--------|----------|-------|-----------------|-------------|-------|--------------|----------------|
| 1     | NW     | —      | E        | NW    | W               | SW          | —     | SW           | NW             |
| 2     | N      | —      | W        | W     | W               | NE          | —     | N            | W              |
| 3     | SE     | —      | E        | E     | E               | NE          | —     | E            | N              |
| 4     | E      | —      | NE       | E     | E               | NE          | —     | NE           | SE             |
| 5     | W      | —      | NE       | NW    | E               | NE          | —     | NE           | E              |
| 6     | S      | W      | NE       | E     | E               | NE          | —     | S            | SW             |
| 7     | SW     | W      | SE       | NW    | W               | SW          | —     | E            | W              |
| 8     | NE     | SW     | E        | E     | E               | NE          | —     | E            | N              |
| 9     | S      | SW     | SE       | E     | SE              | NE          | —     | E            | E              |
| 10    | NE     | W      | SE       | E     | E               | W           | —     | NE           | N              |
| 11    | S      | NW     | NE       | E     | S               | NE          | S     | —            | N              |
| 12    | SW     | SW     | NE       | E     | SW              | E           | SW    | NE           | S              |
| 13    | SW     | SW     | SE       | W     | W               | W           | SW    | W            | SW             |
| 14    | NW     | NW     | NW       | NW    | W               | NW          | SW    | NW           | W              |
| 15    | NW     | NW     | NE       | W     | NW              | W           | SE    | NW           | N              |
| 16    | NE     | NE     | NE       | E     | NE              | N           | SW    | N            | —              |
| 17    | SE     | E      | NE       | E     | E               | NE          | W     | NE           | N              |
| 18    | E      | E      | N        | E     | SE              | NE          | SW    | E            | W              |
| 19    | E      | NW     | SW       | E     | W               | W           | W     | NE           | W              |
| 20    | SW     | SW     | SW       | E     | W               | W           | W     | NW           | W              |
| 21    | SW     | NW     | NW       | NW    | W               | W           | W     | S            | W              |
| 22    | S      | W      | W        | E     | W               | NE          | W     | E            | —              |
| 23    | W      | W      | NE       | E     | SW              | W           | SW    | NW           | SW             |
| 24    | SW     | NW     | N        | NW    | S               | W           | E     | —            | —              |
| 25    | SW     | NE     | NW       | NW    | W               | W           | E     | W            | E              |
| 26    | E      | NE     | NE       | E     | E               | NE          | W     | E            | E              |
| 27    | E      | NW     | NW       | E     | E               | NE          | S     | —            | E              |
| 28    | NE     | NW     | W        | NW    | W               | W           | NW    | —            | SW             |
| 29    | S      | NE     | SW       | NW    | NW              | W           | —     | SW           | W              |
| 30    | W      | NW     | SW       | W     | W               | W           | —     | NE           | W              |
| N     | 6'5    | 4'0    | 8'9      | 0'6   | 0'0             | 1'7         | 0'0   | 11'6         | 17'8           |
| NE    | 13'6   | 14'7   | 28'9     | 0'0   | 1'2             | 46'1        | 3'3   | 20'9         | 0'0            |
| E     | 14'9   | 10'7   | 12'2     | 56'1  | 32'1            | 4'4         | 13'3  | 27'9         | 15'6           |
| SE    | 4'5    | 2'7    | 12'2     | 1'7   | 7'4             | 0'0         | 3'3   | 2'3          | 6'0            |
| S     | 21'4   | 1'3    | 3'3      | 0'0   | 7'4             | 0'0         | 10'0  | 14'0         | 17'8           |
| SW    | 14'3   | 17'3   | 8'0      | 0'0   | 3'7             | 3'9         | 26'7  | 2'3          | 0'0            |
| W     | 14'9   | 20'0   | 10'0     | 18'3  | 38'3            | 40'6        | 33'3  | 7'0          | 46'7           |
| NW    | 9'7    | 29'3   | 15'6     | 23'3  | 9'9             | 3'3         | 10'0  | 14'0         | 2'2            |

**runek wiatru**

runków wiatru w odsetkach.

| Boch-<br>nia | Tar-<br>nów | Koła-<br>czyce | Do-<br>brze-<br>chów | Stara-<br>wieś | Ma-<br>niów | Jaro-<br>sław | Dro-<br>ho-<br>bycz | Lwów | Stani-<br>sła-<br>wów | Zło-<br>czów |
|--------------|-------------|----------------|----------------------|----------------|-------------|---------------|---------------------|------|-----------------------|--------------|
| —            | W           | SE             | SW                   | SW             | SW          | SW            | SW                  | NW   | NW                    | W            |
| —            | W           | SW             | SW                   | S              | N           | SW            | E                   | NE   | SE                    | W            |
| —            | E           | NW             | SE                   | S              | N           | SW            | E                   | NE   | NW                    | NW           |
| —            | SE          | SE             | SE                   | SE             | SE          | SE            | E                   | S    | SE                    | SE           |
| SE           | SE          | E              | SE                   | SE             | S           | SE            | —                   | SE   | SE                    | SE           |
| W            | SE          | NE             | SE                   | S              | S           | SE            | E                   | S    | SE                    | SE           |
| SW           | SW          | NE             | SE                   | SW             | S           | S             | E                   | S    | SE                    | SE           |
| E            | NW          | N              | SW                   | w              | NE          | SW            | w                   | NE   | NW                    | NE           |
| E            | E           | SW             | SW                   | SW             | S           | SW            | E                   | SE   | SW                    | SE           |
| E            | NE          | E              | SW                   | S              | NE          | SW            | E                   | SE   | NW                    | SE           |
| E            | W           | SE             | SW                   | S              | SE          | S             | E                   | SW   | SE                    | N            |
| W            | SW          | S              | SE                   | S              | S           | SE            | E                   | SW   | SE                    | NW           |
| SW           | SW          | S              | SE                   | SW             | S           | SW            | SW                  | W    | NW                    | W            |
| W            | N           | NW             | W                    | N              | NW          | NW            | w                   | NW   | NW                    | NW           |
| W            | W           | NW             | W                    | NW             | NW          | NW            | w                   | NE   | NW                    | NW           |
| W            | N           | NW             | W                    | W              | NE          | SW            | SE                  | NE   | NW                    | NW           |
| E            | NE          | SE             | W                    | w              | NE          | SW            | E                   | NE   | NE                    | N            |
| E            | SE          | E              | SW                   | SW             | NE          | SW            | w                   | NW   | NW                    | N            |
| E            | SW          | SE             | SW                   | SW             | SW          | SW            | SW                  | NW   | NW                    | NW           |
| W            | SW          | S              | S                    | S              | S           | SW            | S                   | NW   | NW                    | SW           |
| W            | W           | SW             | SW                   | S              | S           | SW            | NW                  | W    | SW                    | SW           |
| E            | NW          | SW             | SW                   | w              | SE          | S             | S                   | SE   | SE                    | SW           |
| W            | S           | NE             | SW                   | W              | S           | SW            | SW                  | S    | SE                    | SE           |
| W            | SW          | NW             | SW                   | N              | S           | NE            | w                   | NW   | SE                    | SW           |
| NW           | N           | NW             | SW                   | NE             | N           | NE            | NW                  | N    | NW                    | SW           |
| E            | NE          | NW             | E                    | NE             | NE          | NE            | NW                  | E    | NW                    | NW           |
| E            | E           | SW             | E                    | w              | NE          | SW            | E                   | E    | NW                    | N            |
| W            | W           | SW             | W                    | S              | SW          | SW            | NW                  | NW   | SW                    | SW           |
| W            | NW          | N              | W                    | SW             | NW          | SW            | w                   | N    | NW                    | NE           |
| E            | NE          | NW             | W                    | SW             | NW          | SW            | W                   | N    | NW                    | N            |
| 0'0          | 7'8         | 18'1           | 0'0                  | 17'4           | 15'6        | 0'0           | 0'0                 | 8'9  | 10'8                  | 16'2         |
| 0'0          | 16'7        | 2'2            | 0'0                  | 1'1            | 22'2        | 10'0          | 0'0                 | 20'0 | 3'2                   | 5'4          |
| 41'0         | 8'9         | 18'8           | 7'0                  | 15'7           | 6'7         | 0'0           | 38'0                | 4'4  | 8'7                   | 5'4          |
| 3'8          | 16'7        | 11'6           | 22'1                 | 4'5            | 7'8         | 14'4          | 2'5                 | 13'3 | 20'6                  | 13'5         |
| 0'0          | 4'4         | 14'5           | 2'3                  | 37'6           | 28'9        | 7'8           | 8'9                 | 14'4 | 4'0                   | 5'4          |
| 9'0          | 17'8        | 10'9           | 44'2                 | 2'8            | 7'8         | 61'1          | 8'9                 | 11'1 | 4'0                   | 21'6         |
| 41'0         | 17'8        | 9'4            | 24'4                 | 8'4            | 2'2         | 1'1           | 34'2                | 5'6  | 6'3                   | 10'8         |
| 5'1          | 10'0        | 14'5           | 0'0                  | 12'4           | 8'9         | 5'6           | 7'6                 | 22'2 | 33'3                  | 21'6         |



## Średni kie-

i liczba dostrzeżonych kie-

Czerwiec 1877 r.

Lipiec 1877 roku.

| Dzień | Brze-<br>żany | Koło-<br>myja | Tar-<br>nopol | Czort-<br>ków | Biél-<br>sko | Ży-<br>wiec | Wado-<br>wice | Sucha | Czer-<br>ni-<br>chów |
|-------|---------------|---------------|---------------|---------------|--------------|-------------|---------------|-------|----------------------|
| 1     | NW            | SE            | W             | SE            | SE           | NW          | SW            | E     | SW                   |
| 2     | NE            | SE            | NW            | N             | E            | SW          | SW            | E     | S                    |
| 3     | NE            | NW            | NW            | W             | NE           | NW          | W             | W     | SW                   |
| 4     | E             | SE            | S             | SE            | NW           | NW          | NW            | NW    | W                    |
| 5     | S             | SE            | S             | SE            | W            | SW          | N             | E     | E                    |
| 6     | S             | SE            | S             | SE            | E            | SE          | N             | W     | SE                   |
| 7     | S             | SE            | S             | SW            | S            | SE          | E             | NW    | W                    |
| 8     | N             | NE            | NW            | NW            | W            | NW          | NW            | W     | E                    |
| 9     | N             | SW            | NE            | NE            | NW           | NW          | NW            | W     | W                    |
| 10    | E             | SW            | NE            | E             | W            | SW          | NW            | W     | W                    |
| 11    | SW            | NW            | W             | SE            | NW           | NW          | N             | W     | SW                   |
| 12    | W             | SW            | W             | E             | SW           | SW          | E             | E     | SW                   |
| 13    | W             | W             | SW            | W             | W            | SW          | NW            | W     | E                    |
| 14    | NW            | NW            | NW            | NW            | NE           | SE          | NW            | W     | W                    |
| 15    | NW            | W             | NW            | NW            | SW           | SE          | NE            | E     | SE                   |
| 16    | N             | NW            | N             | NE            | SW           | SW          | SE            | E     | W                    |
| 17    | N             | NW            | NW            | NE            | E            | SW          | NW            | NW    | W                    |
| 18    | NW            | N             | NW            | N             | NW           | NW          | NW            | W     | W                    |
| 19    | W             | SW            | W             | NW            | NW           | W           | NW            | NW    | W                    |
| 20    | W             | W             | SW            | NW            | NW           | NW          | W             | E     | W                    |
| 21    | NW            | SW            | NW            | NW            | NW           | NW          | W             | W     | W                    |
| 22    | NW            | SW            | W             | SW            | NW           | SW          | NW            | NW    | W                    |
| 23    | S             | SW            | SW            | SE            | SW           | W           | W             | E     | S                    |
| 24    | W             | S             | S             | SW            | S            | W           | NW            | E     | E                    |
| 25    | NW            | NW            | SW            | S             | S            | W           | W             | E     | SE                   |
| 26    | N             | NW            | NW            | N             | N            | W           | SW            | NW    | W                    |
| 27    | N             | NW            | NW            | E             | N            | W           | SW            | W     | W                    |
| 28    | N             | SE            | NW            | NW            | N            | NW          | W             | NW    | NW                   |
| 29    | W             | NW            | NW            | N             | N            | NW          | W             | W     | SW                   |
| 30    | NW            | NW            | NW            | N             | NW           | NW          | SW            | W     | W                    |
| 31    |               |               |               |               | NW           | W           | SW            | E     | W                    |
| N     | 23'3          | 3'3           | 13'9          | 18'1          | 13'1         | 1'1         | 9'7           | 0'5   | 0'0                  |
| NE    | 5'6           | 2'2           | 7'2           | 9'6           | 6'5          | 0'0         | 4'3           | 0'0   | 0'0                  |
| E     | 6'7           | 2'2           | 1'1           | 13'3          | 4'8          | 0'0         | 5'4           | 37'1  | 14'5                 |
| SE    | 2'2           | 25'6          | 5'6           | 10'8          | 3'6          | 11'8        | 2'2           | 0'5   | 14'5                 |
| S     | 13'3          | 3'3           | 15'0          | 12'0          | 13'7         | 1'1         | 0'0           | 0'0   | 2'4                  |
| SW    | 2'2           | 24'4          | 7'2           | 4'8           | 20'8         | 18'3        | 25'8          | 1'1   | 15'7                 |
| W     | 20'0          | 7'2           | 16'7          | 8'4           | 8'3          | 30'1        | 19'4          | 40'9  | 49'4                 |
| NW    | 26'7          | 31'7          | 32'8          | 22'9          | 29'2         | 37'6        | 33'3          | 19'9  | 3'6                  |

## runek wiatru

runków wiatru w odsetkach,

| Kra-<br>ków | Rabka | Jodło-<br>wnik | Boch-<br>nia | Tar-<br>nów | Koła-<br>czyce | Do-<br>brze-<br>chów | Stara-<br>wieś | Ma-<br>niów | Jaro-<br>sław |
|-------------|-------|----------------|--------------|-------------|----------------|----------------------|----------------|-------------|---------------|
| W           | —     | S              | E            | W           | E              | SW                   | NW             | SW          | SW            |
| W           | S     | W              | SE           | S           | SE             | SW                   | S              | S           | SW            |
| W           | W     | W              | W            | SW          | SW             | SW                   | SW             | S           | SW            |
| W           | W     | W              | W            | W           | W              | NW                   | W              | S           | SE            |
| W           | W     | W              | E            | NW          | NW             | W                    | W              | N           | NW            |
| W           | E     | SE             | SW           | NW          | SW             | SW                   | W              | S           | SW            |
| W           | SE    | W              | SW           | NW          | S              | SW                   | W              | S           | SW            |
| W           | S     | —              | W            | NE          | NW             | SW                   | W              | NE          | SW            |
| W           | SE    | W              | W            | W           | NW             | W                    | NW             | N           | SW            |
| W           | N     | W              | W            | W           | W              | W                    | W              | W           | SW            |
| W           | NE    | W              | W            | SE          | N              | W                    | SW             | SW          | SW            |
| W           | S     | SW             | W            | SW          | S              | W                    | SW             | S           | SW            |
| NE          | E     | W              | SW           | S           | S              | SW                   | SW             | SE          | SW            |
| NE          | NW    | —              | SW           | SW          | NW             | SW                   | W              | S           | S             |
| NE          | —     | N              | W            | SW          | SW             | SW                   | S              | S           | SW            |
| SW          | S     | W              | SE           | SW          | SE             | SW                   | SW             | S           | SW            |
| W           | S     | W              | SW           | W           | NW             | SW                   | W              | S           | SW            |
| W           | NE    | —              | NW           | W           | NW             | SW                   | N              | S           | SW            |
| W           | N     | W              | NW           | W           | NW             | SW                   | NW             | W           | SW            |
| W           | N     | W              | W            | W           | NW             | SW                   | W              | NW          | NE            |
| W           | SW    | W              | W            | SW          | NW             | SW                   | W              | S           | SW            |
| W           | SW    | W              | NW           | W           | W              | W                    | W              | NW          | SW            |
| NE          | —     | E              | E            | E           | E              | SW                   | S              | W           | SE            |
| NE          | —     | SW             | SE           | SE          | SE             | SW                   | S              | S           | SE            |
| NE          | —     | S              | SE           | —           | S              | SE                   | S              | S           | SE            |
| W           | —     | W              | W            | —           | SW             | SW                   | SW             | SE          | SW            |
| W           | —     | W              | W            | —           | NW             | SW                   | NW             | NW          | NW            |
| W           | S     | W              | W            | —           | N              | SW                   | NW             | NW          | NW            |
| W           | S     | W              | W            | —           | W              | SW                   | NW             | N           | NE            |
| NW          | NE    | W              | —            | —           | W              | SW                   | W              | NW          | NE            |
| W           | W     | W              | SE           | —           | W              | SW                   | W              | SW          | SW            |
| 0'0         | 7'5   | 2'0            | 0'0          | 1'4         | 10'8           | 0'0                  | 5'5            | 13'0        | 1'1           |
| 20'4        | 17'5  | 0'0            | 0'0          | 5'6         | 1'4            | 0'0                  | 0'0            | 8'7         | 8'6           |
| 0'0         | 7'5   | 4'0            | 15'1         | 1'4         | 12'8           | 0'0                  | 0'0            | 2'2         | 0'0           |
| 1'1         | 7'5   | 2'0            | 12'9         | 12'5        | 10'1           | 4'3                  | 1'1            | 4'3         | 12'9          |
| 0'0         | 30'0  | 20'0           | 0'0          | 8'3         | 16'9           | 0'0                  | 33'5           | 38'0        | 6'5           |
| 4'3         | 10'0  | 0'0            | 16'1         | 23'6        | 8'1            | 71'7                 | 5'5            | 6'5         | 60'2          |
| 69'9        | 15'5  | 72'0           | 45'2         | 31'9        | 16'9           | 21'7                 | 30'8           | 15'2        | 0'0           |
| 4'3         | 5'0   | 0'0            | 10'8         | 15'3        | 23'0           | 2'2                  | 23'6           | 12'0        | 10'8          |



## Średni kł

i liczba dostrzeżonych kł

Lipiec 1877 r.

| Dzień | Dro-<br>ho-<br>bycz | Lwów | Stani-<br>sław-<br>wów | Zło-<br>czów | Brze-<br>żany | Koło-<br>myja | Tarno-<br>pol | Czort-<br>ków |
|-------|---------------------|------|------------------------|--------------|---------------|---------------|---------------|---------------|
| 1     | E                   | SE   | NW                     | NW           | NW            | —             | NW            | N             |
| 2     | E                   | SE   | E                      | E            | W             | SE            | NE            | SE            |
| 3     | E                   | SE   | E                      | E            | S             | —             | SE            | S             |
| 4     | NW                  | NW   | E                      | W            | SW            | —             | S             | E             |
| 5     | NW                  | N    | NW                     | W            | NW            | SE            | NW            | NW            |
| 6     | E                   | S    | N                      | W            | NW            | NE            | NW            | NW            |
| 7     | NW                  | SW   | N                      | SE           | W             | SW            | S             | S             |
| 8     | W                   | NE   | NW                     | NW           | N             | W             | N             | N             |
| 9     | W                   | NE   | NW                     | W            | N             | SW            | NW            | NW            |
| 10    | W                   | NW   | NW                     | NW           | N             | NW            | W             | NW            |
| 11    | W                   | NW   | NW                     | NW           | NW            | W             | W             | NW            |
| 12    | W                   | S    | NW                     | —            | NW            | NW            | SW            | SW            |
| 13    | S                   | SW   | —                      | W            | NW            | W             | W             | N             |
| 14    | SW                  | SE   | N                      | E            | N             | SE            | NW            | SE            |
| 15    | E                   | SE   | NW                     | NW           | N             | SE            | SW            | NE            |
| 16    | W                   | S    | NE                     | S            | S             | SE            | S             | S             |
| 17    | W                   | S    | S                      | SW           | SW            | SE            | SW            | NW            |
| 18    | NE                  | SE   | SE                     | E            | SE            | SE            | NE            | SE            |
| 19    | W                   | NW   | NW                     | W            | W             | NW            | W             | NW            |
| 20    | W                   | NW   | NW                     | W            | NW            | SE            | NW            | NW            |
| 21    | W                   | SW   | NW                     | NW           | NW            | SW            | SW            | W             |
| 22    | E                   | NW   | NW                     | NW           | NW            | SW            | W             | NW            |
| 23    | S                   | N    | N                      | NW           | NW            | W             | NW            | NW            |
| 24    | SW                  | SE   | NE                     | —            | NW            | W             | NE            | SE            |
| 25    | NW                  | S    | SE                     | SE           | SW            | W             | SE            | S             |
| 26    | N                   | SE   | SE                     | S            | SW            | —             | S             | S             |
| 27    | N                   | SE   | SE                     | W            | S             | —             | SE            | S             |
| 28    | E                   | NW   | NW                     | W            | SE            | NW            | S             | SE            |
| 29    | W                   | NE   | NW                     | W            | NW            | —             | NW            | N             |
| 30    | W                   | SW   | NW                     | NW           | NW            | NW            | W             | NW            |
| 31    | W                   | NW   | NW                     | W            | NW            | —             | W             | NW            |
| N     | 7'7                 | 6'5  | 20'8                   | 0'0          | 19'4          | 0'0           | 9'7           | 17'1          |
| NE    | 2'6                 | 12'9 | 5'4                    | 0'0          | 0'0           | 2'8           | 5'4           | 2'4           |
| E     | 29'5                | 0'0  | 7'7                    | 14'7         | 0'0           | 0'0           | 2'7           | 8'5           |
| SE    | 1'3                 | 21'5 | 9'2                    | 8'8          | 2'2           | 31'0          | 10'8          | 4'9           |
| S     | 3'8                 | 16'1 | 6'9                    | 5'9          | 12'9          | 4'2           | 15'6          | 22'0          |
| SW    | 3'8                 | 7'4  | 4'6                    | 2'9          | 8'6           | 15'5          | 7'5           | 2'4           |
| W     | 43'6                | 1'1  | 8'5                    | 38'2         | 15'1          | 16'2          | 25'8          | 15'9          |
| NW    | 7'7                 | 34'4 | 36'9                   | 29'4         | 41'9          | 30'3          | 22'6          | 26'8          |

## runek wiatru

runków wiatru w odsetkach.

Sierpień 1877 roku.

| Biél-<br>sko | Ży-<br>wiec | Wado-<br>wice | Sucha | Czer-<br>ni-<br>chów | Kra-<br>ków | Poro-<br>nin | Jodło-<br>wnik | Boch-<br>nia | Koła-<br>czyce |
|--------------|-------------|---------------|-------|----------------------|-------------|--------------|----------------|--------------|----------------|
| SE           | W           | NW            | S     | SW                   | W           | SW           | SW             | SW           | SW             |
| NW           | W           | SW            | W     | W                    | W           | SW           | SW             | SW           | SW             |
| NE           | W           | N             | NW    | W                    | NW          | SW           | NW             | W            | W              |
| SW           | W           | N             | W     | W                    | NW          | SW           | SW             | W            | NW             |
| SE           | W           | NE            | NW    | W                    | W           | NW           | W              | W            | SW             |
| NW           | W           | NE            | SE    | W                    | W           | S            | W              | W            | NW             |
| SW           | SW          | NE            | S     | E                    | NE          | —            | —              | E            | SE             |
| SE           | SW          | W             | SW    | SE                   | NE          | W            | S              | SE           | S              |
| S            | SW          | E             | NW    | SE                   | NE          | S            | —              | SE           | SE             |
| W            | W           | W             | E     | W                    | NE          | W            | W              | W            | NW             |
| SW           | —           | W             | NE    | SW                   | NE          | E            | —              | E            | NW             |
| NW           | —           | SW            | NE    | E                    | NE          | —            | W              | E            | SE             |
| SW           | —           | SE            | W     | W                    | NE          | —            | —              | SE           | SE             |
| SE           | —           | S             | S     | E                    | NE          | NE           | S              | SE           | SE             |
| SE           | —           | SE            | S     | SE                   | W           | —            | SW             | SE           | SE             |
| E            | —           | S             | NE    | W                    | W           | W            | W              | W            | NW             |
| SW           | —           | NW            | W     | W                    | W           | W            | —              | SW           | S              |
| W            | —           | W             | NW    | W                    | W           | NW           | W              | W            | E              |
| SW           | —           | W             | S     | W                    | W           | N            | W              | W            | W              |
| SW           | —           | SW            | NE    | SW                   | W           | NE           | SW             | SW           | SW             |
| SE           | —           | SW            | S     | W                    | W           | NW           | W              | SW           | S              |
| W            | SW          | SW            | W     | W                    | W           | —            | —              | SW           | S              |
| SW           | S           | SW            | NE    | W                    | W           | SE           | N              | W            | SE             |
| SW           | S           | NW            | NE    | W                    | W           | NE           | W              | NW           | W              |
| SE           | W           | NW            | NE    | E                    | NE          | SE           | E              | SE           | SW             |
| SW           | W           | W             | NE    | E                    | NE          | SE           | W              | SE           | S              |
| W            | W           | NW            | NW    | W                    | W           | W            | W              | W            | S              |
| W            | SW          | NW            | S     | W                    | W           | SW           | W              | SW           | S              |
| W            | SW          | SW            | NW    | W                    | NE          | W            | SW             | SW           | SW             |
| SW           | SW          | NW            | E     | E                    | NE          | —            | —              | SE           | N              |
| NW           | SW          | NW            | NE    | W                    | W           | NW           | S              | SW           | S              |
| 1'7          | 0'0         | 8'6           | 8'6   | 0'0                  | 0'0         | 10'2         | 2'2            | 0'0          | 6'6            |
| 4'0          | 0'0         | 7'5           | 14'0  | 2'5                  | 41'9        | 8'2          | 0'0            | 0'0          | 0'0            |
| 4'6          | 0'0         | 4'3           | 9'7   | 26'6                 | 1'1         | 10'2         | 4'4            | 9'7          | 10'5           |
| 22'4         | 0'0         | 6'5           | 7'0   | 8'9                  | 0'0         | 10'2         | 0'0            | 26'9         | 14'5           |
| 14'4         | 10'0        | 4'3           | 23'1  | 1'3                  | 0'0         | 12'2         | 22'2           | 0'0          | 30'9           |
| 21'8         | 41'7        | 29'0          | 6'5   | 10'1                 | 0'0         | 12'2         | 6'7            | 29'0         | 9'2            |
| 23'0         | 41'7        | 21'5          | 21'5  | 50'6                 | 54'8        | 24'5         | 62'2           | 32'3         | 16'4           |
| 8'0          | 6'7         | 18'3          | 9'7   | 0'0                  | 2'2         | 12'2         | 2'2            | 2'2          | 11'8           |



## Średni kie-

i liczba dostrzeżonych kie-

Sierpień 1877 roku.

| Dzień | Do-<br>brze-<br>chów | Stara-<br>wieś | Ma-<br>niów | Jaro-<br>sław | Dro-<br>ho-<br>bycz | Lwów | Stani-<br>sła-<br>wów | Zło-<br>czów | Brze-<br>żany |
|-------|----------------------|----------------|-------------|---------------|---------------------|------|-----------------------|--------------|---------------|
| 1     | S                    | SW             | S           | SW            | W                   | SW   | —                     | SW           | NW            |
| 2     | SE                   | SW             | S           | SW            | —                   | NW   | NW                    | SW           | W             |
| 3     | SE                   | NW             | NW          | NW            | W                   | NE   | NW                    | NW           | NW            |
| 4     | SE                   | W              | SW          | SW            | NW                  | NW   | W                     | W            | W             |
| 5     | SW                   | W              | SW          | NW            | SW                  | NW   | —                     | NW           | NW            |
| 6     | SW                   | W              | S           | SW            | E                   | NW   | SE                    | W            | NW            |
| 7     | SW                   | S              | S           | SE            | W                   | SE   | —                     | SW           | S             |
| 8     | SW                   | S              | S           | SE            | NW                  | SE   | —                     | SW           | SW            |
| 9     | S                    | S              | S           | NE            | E                   | N    | E                     | —            | NE            |
| 10    | SW                   | NW             | NE          | S             | NE                  | SE   | E                     | E            | E             |
| 11    | NE                   | N              | NE          | NE            | E                   | SE   | SE                    | SE           | E             |
| 12    | NE                   | E              | NE          | SE            | NW                  | SE   | SE                    | E            | SE            |
| 13    | SE                   | S              | E           | NE            | —                   | E    | SE                    | E            | SE            |
| 14    | SE                   | SE             | SE          | E             | E                   | SE   | SE                    | E            | SE            |
| 15    | SE                   | SW             | SE          | E             | E                   | S    | SE                    | E            | S             |
| 16    | SW                   | SW             | W           | SW            | E                   | S    | E                     | S            | S             |
| 17    | SW                   | SW             | S           | S             | W                   | S    | NE                    | SE           | SW            |
| 18    | SW                   | W              | W           | SW            | NW                  | SW   | NW                    | NW           | W             |
| 19    | S                    | W              | S           | SW            | W                   | W    | NW                    | NW           | NW            |
| 20    | SE                   | SW             | S           | NW            | N                   | W    | NW                    | SW           | W             |
| 21    | S                    | SW             | S           | NW            | NW                  | SE   | N                     | SW           | W             |
| 22    | S                    | W              | S           | NW            | NE                  | NW   | NE                    | SW           | SW            |
| 23    | S                    | SW             | NE          | NW            | W                   | NW   | —                     | W            | NW            |
| 24    | SW                   | NW             | NW          | NW            | E                   | NE   | NW                    | NW           | N             |
| 25    | SW                   | NE             | NE          | NE            | NE                  | N    | NE                    | E            | N             |
| 26    | SW                   | SW             | S           | SW            | E                   | S    | —                     | SE           | S             |
| 27    | S                    | W              | S           | NW            | NW                  | NW   | NW                    | W            | NW            |
| 28    | S                    | SW             | S           | NW            | SE                  | NW   | NW                    | SW           | NW            |
| 29    | S                    | SW             | S           | NW            | NW                  | SW   | W                     | W            | W             |
| 30    | S                    | SW             | S           | NE            | E                   | SW   | —                     | W            | W             |
| 31    | SW                   | SW             | S           | SW            | W                   | SW   | E                     | W            | W             |
| N     | 0°0                  | 4°0            | 13°2        | 3°2           | 12°3                | 6°5  | 15°9                  | 0°0          | 7°5           |
| NE    | 6°5                  | 2°3            | 7°9         | 9°7           | 6°2                 | 8°6  | 9°1                   | 0°0          | 1°1           |
| E     | 0°0                  | 5°1            | 7°9         | 8°6           | 27°7                | 2°2  | 26°1                  | 26°5         | 5°4           |
| SE    | 20°4                 | 4°5            | 10°5        | 12°9          | 6°2                 | 19°4 | 14°8                  | 8°8          | 11°8          |
| S     | 31°2                 | 27°3           | 50°0        | 7°5           | 3°1                 | 12°9 | 0°0                   | 2°9          | 10°8          |
| SW    | 30°8                 | 23°9           | 3°0         | 24°7          | 3°1                 | 18°3 | 2°3                   | 26°5         | 10°8          |
| W     | 2°2                  | 26°1           | 5°3         | 1°1           | 23°1                | 6°5  | 6°8                   | 17°6         | 26°9          |
| NW    | 0°0                  | 6°8            | 1°3         | 32°3          | 18°5                | 25°3 | 25°0                  | 17°6         | 25°8          |

## runek wiatru

runków wiatru w odsetkach.

Wrzesień 1877 roku.

| Koło-<br>myja | Tarno-<br>pol | Czort-<br>ków | Biél-<br>sko | Ży-<br>wiec | Sucha | Czer-<br>ni-<br>chów | Kra-<br>ków | Poro-<br>nin | Jodło-<br>wnik |
|---------------|---------------|---------------|--------------|-------------|-------|----------------------|-------------|--------------|----------------|
| —             | SW            | SW            | SW           | SW          | W     | W                    | W           | W            | NW             |
| —             | SW            | S             | W            | W           | W     | E                    | NE          | E            | —              |
| —             | NW            | NW            | W            | W           | S     | NE                   | NE          | W            | —              |
| —             | NW            | NW            | SW           | W           | SW    | W                    | NW          | E            | W              |
| —             | W             | NW            | NW           | W           | NW    | W                    | NW          | W            | NW             |
| SE            | NW            | NW            | SE           | W           | W     | W                    | W           | —            | E              |
| —             | SW            | SE            | S            | W           | SW    | SW                   | W           | W            | S              |
| SE            | S             | N             | NW           | W           | NW    | W                    | W           | N            | W              |
| —             | NE            | E             | SW           | W           | NE    | W                    | W           | —            | NW             |
| —             | NE            | SE            | NW           | W           | NE    | E                    | W           | E            | N              |
| —             | NE            | E             | NW           | NE          | NE    | W                    | W           | SE           | N              |
| SW            | NE            | NE            | NE           | NE          | NE    | —                    | E           | E            | —              |
| S             | E             | NE            | S            | W           | N     | SW                   | W           | N            | SW             |
| SE            | E             | W             | S            | W           | NE    | W                    | NW          | S            | W              |
| SE            | SE            | SE            | SW           | W           | W     | SW                   | W           | S            | W              |
| SE            | S             | SE            | W            | W           | N     | W                    | NW          | SW           | W              |
| SE            | S             | S             | W            | W           | N     | W                    | W           | W            | W              |
| SW            | NW            | NW            | W            | NW          | NW    | W                    | NE          | W            | W              |
| SW            | NW            | W             | SW           | NW          | NW    | W                    | W           | SW           | W              |
| NW            | SW            | W             | W            | SW          | SW    | W                    | W           | W            | W              |
| SE            | NE            | S             | SW           | SW          | W     | W                    | W           | W            | W              |
| SW            | W             | S             | W            | NW          | NE    | —                    | W           | W            | N              |
| NW            | NW            | S             | S            | S           | E     | W                    | W           | SE           | N              |
| NW            | NW            | NW            | SW           | SW          | NW    | W                    | W           | W            | W              |
| NE            | NW            | NE            | NW           | W           | W     | W                    | NW          | W            | W              |
| SE            | S             | S             | NW           | NW          | W     | W                    | W           | W            | NW             |
| NW            | NW            | NW            | NW           | W           | S     | SW                   | W           | W            | NW             |
| SW            | W             | W             | NW           | W           | NW    | W                    | W           | W            | W              |
| W             | SW            | E             | NW           | SW          | E     | W                    | W           | SE           | W              |
| SE            | W             | E             | S            | SW          | NE    | —                    | W           | SE           | —              |
| SW            | SW            | E             | S            | SW          | NE    | —                    | W           | SE           | —              |
| 0°0           | 3°8           | 9°1           | 7°9          | 0°0         | 21°1  | 0°0                  | 2°8         | 0°0          | 18°0           |
| 1°6           | 11°8          | 8°0           | 2°0          | 6°7         | 7°2   | 3°3                  | 18°3        | 3°4          | 0°0            |
| 4°7           | 8°6           | 20°5          | 0°0          | 0°0         | 10°0  | 6°7                  | 3°3         | 15°3         | 4°0            |
| 30°1          | 8°1           | 12°5          | 7°9          | 0°0         | 3°3   | 0°0                  | 0°0         | 13°6         | 0°0            |
| 1°6           | 21°5          | 21°6          | 24°3         | 4°4         | 13°9  | 1°7                  | 0°0         | 8°5          | 6°0            |
| 21°1          | 7°5           | 4°5           | 13°8         | 20°0        | 11°1  | 10°0                 | 1°1         | 3°4          | 0°0            |
| 7°0           | 17°7          | 8°0           | 30°9         | 53°3        | 21°1  | 75°0                 | 61°1        | 50°8         | 72°0           |
| 25°0          | 21°0          | 15°9          | 12°5         | 15°6        | 12°2  | 3°3                  | 13°3        | 5°1          | 0°0            |



## Średni kie-

i liczba dostrzeżonych kie-

Wrzesień 1877 r.

| Dzień | Boch-<br>nia | Tar-<br>nów | Koła-<br>czyce | Do-<br>brze-<br>chów | Stara-<br>wieś | Ma-<br>niów | Jaro-<br>sław | Dro-<br>ho-<br>bycz | Lwów | Stani-<br>sław-<br>wów |
|-------|--------------|-------------|----------------|----------------------|----------------|-------------|---------------|---------------------|------|------------------------|
| 1     | W            | —           | W              | SW                   | W              | NE          | NW            | W                   | NW   | NW                     |
| 2     | E            | —           | E              | SE                   | E              | NE          | NW            | W                   | NW   | NE                     |
| 3     | E            | —           | N              | SE                   | E              | NE          | NE            | W                   | N    | S                      |
| 4     | W            | —           | —              | SE                   | W              | SW          | NE            | W                   | NE   | NE                     |
| 5     | W            | —           | —              | SE                   | NW             | NW          | NW            | W                   | NW   | NW                     |
| 6     | W            | —           | —              | SW                   | NW             | N           | NE            | W                   | NW   | W                      |
| 7     | SE           | —           | —              | SW                   | S              | S           | SE            | W                   | SW   | SE                     |
| 8     | W            | —           | N              | SW                   | NW             | SE          | S             | W                   | SW   | SW                     |
| 9     | W            | NW          | N              | SW                   | W              | W           | SE            | W                   | SW   | NW                     |
| 10    | W            | NW          | NW             | W                    | W              | N           | SW            | SW                  | NE   | NW                     |
| 11    | W            | N           | NW             | W                    | W              | N           | NE            | NW                  | N    | NW                     |
| 12    | E            | NW          | E              | SW                   | S              | W           | SE            | E                   | SE   | SE                     |
| 13    | W            | W           | SW             | SW                   | SW             | SW          | SE            | W                   | SE   | S                      |
| 14    | W            | W           | W              | SW                   | SW             | SW          | NW            | W                   | NW   | NW                     |
| 15    | W            | W           | W              | SW                   | W              | S           | NW            | W                   | NW   | NW                     |
| 16    | W            | W           | SW             | W                    | NW             | S           | NW            | W                   | NW   | NW                     |
| 17    | NW           | W           | W              | W                    | W              | W           | NW            | W                   | NW   | NW                     |
| 18    | W            | W           | N              | W                    | N              | NW          | NW            | W                   | NW   | NW                     |
| 19    | W            | N           | S              | SW                   | SW             | S           | SW            | SW                  | NW   | W                      |
| 20    | W            | W           | SE             | SW                   | SW             | S           | W             | W                   | SW   | NW                     |
| 21    | W            | W           | S              | SW                   | S              | S           | SW            | SW                  | NW   | NW                     |
| 22    | SE           | W           | NW             | W                    | E              | N           | NW            | W                   | NW   | NW                     |
| 23    | E            | NW          | N              | W                    | S              | N           | NW            | W                   | NW   | N                      |
| 24    | W            | SW          | N              | W                    | SW             | SW          | SW            | E                   | SW   | —                      |
| 25    | SE           | SW          | N              | W                    | S              | N           | NW            | W                   | SW   | SE                     |
| 26    | NW           | W           | N              | W                    | NW             | NW          | NW            | W                   | NE   | NW                     |
| 27    | W            | SW          | W              | W                    | NW             | NW          | SW            | W                   | NW   | NW                     |
| 28    | W            | W           | NW             | SE                   | W              | S           | SW            | W                   | NW   | NW                     |
| 29    | W            | W           | NW             | SE                   | W              | S           | NW            | W                   | NW   | NW                     |
| 30    | W            | W           | W              | SW                   | NW             | N           | NW            | SW                  | W    | NW                     |
| 31    | W            | W           | W              | SW                   | NW             | N           | NW            | W                   | NW   | NW                     |
| N     | 0'0          | 7'9         | 30'3           | 0'0                  | 5'1            | 29'5        | 0'0           | 0'0                 | 4'4  | 25'0                   |
| NE    | 0'0          | 0'0         | 4'0            | 0'0                  | 0'0            | 1'3         | 12'2          | 2'2                 | 15'6 | 6'7                    |
| E     | 16'5         | 0'0         | 5'7            | 0'0                  | 9'1            | 5'1         | 1'1           | 10'0                | 1'1  | 1'7                    |
| SE    | 9'4          | 0'0         | 8'2            | 21'3                 | 0'0            | 2'6         | 14'4          | 0'0                 | 7'8  | 5'0                    |
| S     | 0'0          | 1'6         | 9'0            | 0'0                  | 23'9           | 33'3        | 4'4           | 0'0                 | 4'4  | 8'3                    |
| SW    | 1'2          | 6'3         | 7'4            | 42'7                 | 12'5           | 6'4         | 10'7          | 12'2                | 15'6 | 3'3                    |
| W     | 65'9         | 65'1        | 24'6           | 36'0                 | 29'5           | 12'8        | 2'2           | 7'3                 | 2'2  | 10'0                   |
| NW    | 7'1          | 19'0        | 9'8            | 0'0                  | 19'9           | 9'0         | 48'9          | 2'2                 | 48'9 | 40'0                   |

## runek wiatru

runków wiatru w odsetkach.

Październik 1877 r.

| Zło-<br>czów | Brze-<br>żany | Koło-<br>myja | Tarno-<br>pol | Czort-<br>ków | Bieli-<br>sko | Ży-<br>wiec | Wado-<br>wice | Sucha | Czer-<br>ni-<br>chów | Kra-<br>ków |
|--------------|---------------|---------------|---------------|---------------|---------------|-------------|---------------|-------|----------------------|-------------|
| NW           | SW            | NW            | NW            | N             | NE            | SW          | E             | E     | E                    | NE          |
| NW           | W             | NW            | NW            | N             | NE            | E           | SE            | W     | E                    | NE          |
| N            | SW            | NW            | E             | NE            | NW            | E           | W             | N     | —                    | SW          |
| NW           | SE            | NW            | N             | NE            | NE            | W           | NE            | NE    | E                    | NE          |
| NW           | W             | NW            | NW            | N             | NE            | —           | NE            | NE    | E                    | NE          |
| NW           | NW            | NW            | NW            | NE            | NE            | —           | E             | NE    | NE                   | NE          |
| SE           | S             | NW            | S             | SE            | —             | —           | N             | NE    | NE                   | E           |
| SW           | W             | —             | S             | SE            | S             | —           | NW            | N     | W                    | W           |
| W            | NW            | —             | W             | NW            | NW            | —           | N             | NW    | NW                   | W           |
| NW           | W             | NW            | W             | NW            | NW            | —           | NW            | N     | NE                   | NE          |
| NW           | N             | NW            | NW            | N             | NE            | —           | NW            | N     | NE                   | NE          |
| NW           | NW            | SW            | NW            | NE            | W             | —           | SW            | N     | SW                   | W           |
| W            | NW            | NW            | SW            | S             | W             | —           | SW            | W     | W                    | W           |
| W            | W             | NW            | W             | NW            | SW            | —           | S             | S     | W                    | SW          |
| SW           | W             | NE            | W             | NW            | SW            | —           | SW            | E     | E                    | NE          |
| W            | W             | NW            | SW            | S             | NW            | SW          | SW            | E     | W                    | W           |
| W            | NW            | NW            | W             | NW            | NW            | SW          | SW            | N     | W                    | NW          |
| W            | NW            | NW            | NW            | NW            | W             | SW          | W             | N     | W                    | NW          |
| W            | W             | W             | W             | NW            | W             | SW          | W             | SW    | W                    | W           |
| W            | W             | SE            | S             | SW            | SW            | NW          | SW            | SW    | W                    | NE          |
| W            | W             | SE            | SW            | W             | NW            | NW          | SW            | NE    | W                    | W           |
| NW           | W             | NE            | N             | SE            | SW            | W           | SW            | SW    | SW                   | W           |
| N            | N             | NW            | N             | N             | S             | S           | SW            | W     | W                    | W           |
| SW           | SW            | NW            | S             | S             | SW            | SW          | S             | SW    | E                    | NE          |
| W            | W             | SE            | NW            | SE            | SE            | SW          | N             | NE    | E                    | NE          |
| NW           | NW            | NW            | N             | NW            | SW            | SW          | SW            | NW    | SW                   | NE          |
| NW           | W             | SE            | W             | N             | NW            | W           | NE            | N     | W                    | W           |
| NW           | W             | —             | NW            | NW            | SW            | W           | E             | N     | W                    | W           |
| NW           | NW            | N             | W             | NW            | SW            | W           | E             | N     | E                    | W           |
| NW           | W             | S             | NW            | NW            | S             | W           | SW            | W     | W                    | NE          |
| NW           | W             | S             | NW            | NW            | SW            | W           | W             | N     | W                    | W           |
| 5'7          | 7'8           | 1'3           | 13'3          | 21'9          | 9'6           | 0'0         | 6'5           | 31'2  | 0'0                  | 2'1         |
| 0'0          | 0'0           | 13'0          | 2'8           | 4'9           | 16'9          | 0'0         | 10'9          | 11'3  | 17'1                 | 38'2        |
| 0'0          | 2'2           | 0'0           | 2'8           | 7'3           | 3'6           | 8'3         | 12'0          | 17'7  | 18'4                 | 2'7         |
| 2'9          | 1'1           | 10'4          | 0'0           | 7'3           | 1'2           | 0'0         | 2'2           | 0'0   | 0'0                  | 0'0         |
| 2'9          | 5'6           | 3'9           | 17'8          | 11'0          | 19'9          | 5'0         | 10'9          | 9'1   | 0'0                  | 0'0         |
| 5'7          | 5'6           | 7'8           | 4'4           | 3'6           | 18'1          | 43'3        | 33'2          | 8'1   | 10'5                 | 4'3         |
| 34'3         | 50'0          | 1'3           | 32'8          | 3'7           | 16'3          | 31'7        | 13'6          | 17'7  | 48'7                 | 48'9        |
| 48'6         | 27'8          | 62'3          | 26'1          | 40'2          | 14'5          | 11'7        | 10'9          | 4'8   | 5'3                  | 3'8         |



## Średni kie

i liczba dostrzeżonych kie-

Październik 1877 r.

| Dzień | Poronin | Jodłownik | Bochnia | Nowy Sącz | Tarnów | Kołaczyce | Do-brzechów | Stara-wieś | Ma-niów | Jaro-sław |
|-------|---------|-----------|---------|-----------|--------|-----------|-------------|------------|---------|-----------|
| 1     | NE      | E         | W       | —         | NE     | S         | SE          | SE         | SE      | SE        |
| 2     | S       | —         | E       | —         | NW     | SW        | SE          | W          | S       | SE        |
| 3     | —       | W         | E       | —         | SE     | N         | SE          | E          | N       | SW        |
| 4     | —       | W         | E       | —         | SE     | NW        | SE          | E          | N       | NE        |
| 5     | E       | E         | NE      | —         | SE     | NE        | E           | E          | N       | NE        |
| 6     | NE      | N         | NE      | NE        | E      | NE        | W           | E          | E       | NE        |
| 7     | —       | —         | E       | —         | NE     | NE        | E           | E          | SE      | SE        |
| 8     | —       | SW        | W       | —         | E      | E         | E           | SW         | S       | NW        |
| 9     | NW      | —         | NW      | NW        | W      | NW        | E           | NW         | N       | SW        |
| 10    | —       | —         | E       | NW        | W      | W         | NW          | NW         | N       | SW        |
| 11    | NW      | —         | E       | —         | W      | W         | NW          | NW         | N       | NW        |
| 12    | —       | W         | E       | NW        | NW     | W         | NW          | W          | SW      | W         |
| 13    | W       | W         | NW      | W         | W      | SW        | SW          | W          | SW      | NW        |
| 14    | S       | W         | NW      | —         | NW     | SE        | SW          | S          | S       | W         |
| 15    | SE      | S         | SE      | S         | SE     | E         | SW          | S          | S       | SW        |
| 16    | E       | W         | W       | SW        | W      | SW        | SW          | NW         | NW      | SW        |
| 17    | W       | W         | NW      | SW        | W      | NW        | SW          | NW         | NW      | W         |
| 18    | W       | W         | NW      | NW        | W      | W         | W           | W          | NW      | NW        |
| 19    | S       | W         | NW      | NW        | W      | W         | W           | SW         | S       | NW        |
| 20    | SW      | W         | W       | W         | NW     | SW        | W           | SW         | S       | SW        |
| 21    | W       | SW        | W       | W         | W      | NW        | SW          | SW         | S       | W         |
| 22    | N       | W         | W       | SW        | E      | SE        | SW          | SW         | SE      | W         |
| 23    | NE      | S         | W       | S         | E      | SE        | SW          | S          | SE      | SW        |
| 24    | S       | E         | W       | S         | E      | SE        | SW          | S          | S       | S         |
| 25    | N       | N         | SE      | S         | E      | SE        | SW          | S          | S       | SE        |
| 26    | —       | S         | E       | —         | W      | SE        | SW          | S          | S       | SE        |
| 27    | —       | W         | NW      | —         | W      | W         | SW          | NW         | N       | S         |
| 28    | —       | —         | NW      | —         | W      | NW        | SW          | NW         | NE      | SW        |
| 29    | —       | —         | E       | SW        | W      | NE        | SW          | E          | NE      | S         |
| 30    | N       | —         | W       | S         | W      | S         | SW          | SW         | S       | SE        |
| 31    | SW      | S         | W       | SW        | W      | SW        | SE          | SW         | S       | S         |
| N     | 10°0    | 7°5       | 0°0     | 5°9       | 0°0    | 9°2       | 0°0         | 3°8        | 23°5    | 0°0       |
| NE    | 10°0    | 0°0       | 7°5     | 5°9       | 4°9    | 3°9       | 0°0         | 0°0        | 4°7     | 14°0      |
| E     | 10°0    | 15°1      | 20°0    | 0°0       | 16°0   | 23°0      | 14°4        | 19°6       | 7°1     | 0°0       |
| SE    | 10°0    | 0°0       | 4°3     | 0°0       | 13°6   | 20°4      | 15°6        | 1°1        | 17°2    | 17°2      |
| S     | 15°0    | 20°8      | 0°0     | 20°6      | 0°0    | 9°2       | 0°0         | 30°4       | 36°5    | 11°8      |
| SW    | 12°5    | 0°0       | 1°1     | 20°6      | 0°0    | 12°5      | 48°9        | 14°7       | 3°5     | 28°0      |
| W     | 25°0    | 56°6      | 34°4    | 17°6      | 54°3   | 12°5      | 12°2        | 14°7       | 7°1     | 9°7       |
| NW    | 7°5     | 0°0       | 25°8    | 29°4      | 11°1   | 9°2       | 8°9         | 15°8       | 2°4     | 19°4      |

## runek wiatru

runków wiatru w odsetkach.

Listopad 1877 r.

| Dro-hobycz | Lwów | Stani-sła-wów | Zło-czów | Brze-żany | Koło-myja | Tar-nopol | Czort-ków | Biél-sko | Ży-wiec | Wado-wice |
|------------|------|---------------|----------|-----------|-----------|-----------|-----------|----------|---------|-----------|
| E          | SE   | SE            | E        | S         | SE        | SE        | SE        | NW       | W       | SW        |
| E          | SE   | SE            | SE       | S         | SE        | SE        | S         | NW       | NW      | NW        |
| W          | NE   | NE            | E        | S         | —         | SE        | SE        | SW       | W       | SW        |
| W          | NE   | NE            | NE       | NE        | NW        | N         | E         | SW       | SW      | SW        |
| NW         | NE   | NE            | NE       | E         | NE        | NE        | NE        | SW       | SW      | SW        |
| W          | NE   | SE            | NE       | SE        | NE        | NE        | E         | SW       | SW      | SE        |
| E          | SE   | SE            | SE       | SE        | NE        | S         | E         | SW       | SW      | SW        |
| E          | NE   | SE            | SE       | S         | SE        | S         | S         | SW       | SW      | NE        |
| W          | NW   | —             | SW       | NW        | SE        | N         | N         | W        | SW      | SE        |
| W          | N    | N             | NW       | NW        | NW        | NW        | W         | NE       | SW      | SE        |
| W          | NE   | —             | —        | S         | SE        | SE        | NW        | SE       | SW      | SE        |
| W          | NW   | W             | NW       | NW        | SE        | W         | N         | S        | S       | SW        |
| SW         | NW   | NW            | NW       | NW        | SE        | W         | NW        | S        | SE      | S         |
| SW         | SW   | W             | W        | SW        | SE        | SW        | S         | SE       | SE      | SE        |
| W          | S    | SE            | S        | SW        | NE        | S         | S         | E        | SW      | SE        |
| W          | NW   | —             | SE       | S         | SE        | S         | SW        | E        | SW      | SE        |
| W          | NW   | NW            | W        | NW        | NW        | NW        | W         | NE       | SW      | W         |
| W          | NW   | N             | W        | W         | W         | NW        | NW        | SW       | SW      | W         |
| W          | NW   | NW            | W        | NW        | SE        | W         | NW        | W        | SW      | W         |
| W          | NW   | NW            | W        | W         | SE        | W         | NW        | S        | S       | E         |
| SW         | SW   | NW            | W        | W         | SE        | SW        | W         | N        | SW      | W         |
| W          | W    | —             | W        | W         | SE        | SW        | S         | S        | SW      | SW        |
| W          | S    | SE            | S        | SW        | SE        | S         | SW        | SW       | SW      | SW        |
| SW         | S    | SE            | S        | S         | —         | SE        | SE        | W        | SW      | SW        |
| W          | SE   | NE            | SE       | S         | E         | SE        | SE        | SW       | SW      | SW        |
| E          | E    | SE            | SE       | S         | SE        | SE        | S         | SW       | W       | W         |
| W          | NW   | NE            | SE       | S         | E         | S         | S         | SW       | W       | NW        |
| W          | N    | —             | —        | W         | NE        | S         | S         | SW       | SW      | SW        |
| W          | NE   | —             | SE       | SE        | N         | E         | E         | W        | SW      | SW        |
| E          | SE   | SE            | SE       | SE        | SE        | E         | S         | NW       | W       | W         |
| E          | SW   | S             | SW       | S         | SE        | S         | S         |          |         |           |
| 0°0        | 8°6  | 10°2          | 0°0      | 1°1       | 5°0       | 7°5       | 12°6      | 3°7      | 0°0     | 1°1       |
| 0°0        | 20°4 | 13°6          | 8°8      | 1°1       | 24°4      | 5°9       | 3°4       | 5°5      | 0°0     | 3°3       |
| 28°9       | 2°2  | 18°2          | 8°8      | 5°4       | 1°9       | 9°1       | 14°9      | 0°0      | 0°0     | 4°4       |
| 0°0        | 19°4 | 26°1          | 26°5     | 12°9      | 50°0      | 13°4      | 11°5      | 10°4     | 4°4     | 20°0      |
| 1°2        | 10°8 | 2°3           | 8°8      | 33°3      | 2°5       | 32°3      | 34°5      | 28°7     | 7°8     | 10°0      |
| 14°5       | 12°9 | 3°4           | 5°9      | 11°8      | 0°0       | 8°6       | 2°3       | 28°0     | 70°0    | 33°3      |
| 51°8       | 3°2  | 5°7           | 32°4     | 16°1      | 2°5       | 16°7      | 4°6       | 13°4     | 13°3    | 16°7      |
| 3°6        | 22°6 | 20°5          | 8°8      | 18°3      | 13°7      | 6°5       | 16°1      | 10°4     | 4°4     | 11°1      |



**Średni kie-  
i liczba dostrzeżonych kie-**

*Listopad 1877 roku.*

| Dzień | Sucha | Czer-<br>ni-<br>chów | Kra-<br>ków | Poro-<br>nin | Jodło-<br>wnik | Boch-<br>nia | Nowy<br>Sącz | Tar-<br>nów | Koła-<br>czyce | Do-<br>brze-<br>chów |
|-------|-------|----------------------|-------------|--------------|----------------|--------------|--------------|-------------|----------------|----------------------|
| 1     | NW    | SW                   | W           | W            | W              | W            | NW           | W           | W              | SE                   |
| 2     | NW    | W                    | W           | W            | W              | W            | NW           | W           | NW             | SW                   |
| 3     | SW    | E                    | W           | SW           | W              | W            | W            | W           | E              | SW                   |
| 4     | SE    | W                    | W           | NW           | W              | W            | E            | W           | W              | SW                   |
| 5     | E     | E                    | NE          | —            | S              | SE           | S            | E           | N              | SW                   |
| 6     | SW    | W                    | SW          | —            | W              | SE           | NW           | E           | E              | SE                   |
| 7     | S     | W                    | NE          | NE           | W              | SE           | —            | E           | E              | SE                   |
| 8     | S     | E                    | NE          | —            | E              | SE           | —            | E           | E              | SE                   |
| 9     | SW    | S                    | NE          | E            | E              | SE           | —            | E           | W              | W                    |
| 10    | S     | E                    | NE          | SE           | S              | E            | —            | E           | SE             | W                    |
| 11    | W     | E                    | NE          | N            | E              | E            | SW           | E           | E              | W                    |
| 12    | S     | E                    | NE          | S            | S              | SE           | S            | SE          | SE             | W                    |
| 13    | W     | E                    | NE          | SW           | S              | SE           | S            | SE          | SE             | SE                   |
| 14    | W     | SE                   | NE          | N            | S              | SE           | S            | E           | SE             | SE                   |
| 15    | S     | SE                   | NE          | NW           | —              | SE           | SE           | E           | E              | E                    |
| 16    | E     | E                    | NE          | N            | —              | SE           | —            | NE          | E              | E                    |
| 17    | N     | W                    | W           | W            | W              | W            | —            | NE          | SW             | SE                   |
| 18    | N     | E                    | NE          | —            | E              | W            | —            | W           | SE             | SE                   |
| 19    | N     | W                    | NE          | NW           | —              | W            | —            | W           | E              | E                    |
| 20    | NE    | E                    | NE          | E            | —              | SW           | —            | W           | SE             | E                    |
| 21    | NW    | W                    | W           | E            | W              | W            | SW           | SW          | SE             | E                    |
| 22    | W     | W                    | W           | N            | SW             | W            | SW           | N           | SE             | E                    |
| 23    | W     | W                    | W           | W            | W              | W            | SW           | NW          | NE             | SW                   |
| 24    | W     | W                    | W           | W            | W              | W            | SW           | W           | SE             | SW                   |
| 25    | NW    | W                    | NE          | S            | W              | W            | SW           | SE          | SE             | SW                   |
| 26    | NW    | W                    | NW          | SW           | W              | W            | W            | W           | NW             | SW                   |
| 27    | W     | W                    | NW          | SW           | W              | W            | W            | W           | NW             | SW                   |
| 28    | E     | E                    | NE          | S            | S              | W            | W            | W           | E              | SW                   |
| 29    | E     | E                    | NE          | —            | S              | W            | SW           | W           | SE             | SW                   |
| 30    | SE    | E                    | NE          | W            | S              | W            | SW           | W           | SE             | SW                   |
| N     | 11'1  | 0'0                  | 0'0         | 18'0         | 0'0            | 0'0          | 2'6          | 1'2         | 7'8            | 0'0                  |
| NE    | 2'8   | 17'5                 | 60'0        | 2'0          | 0'0            | 0'0          | 0'0          | 5'9         | 5'9            | 0'0                  |
| E     | 16'7  | 30'1                 | 0'0         | 16'0         | 16'0           | 7'8          | 2'6          | 32'9        | 29'9           | 18'8                 |
| SE    | 5'0   | 7'2                  | 0'0         | 4'0          | 0'0            | 31'1         | 5'1          | 9'4         | 32'5           | 25'9                 |
| S     | 18'3  | 1'2                  | 0'0         | 14'0         | 36'0           | 0'0          | 28'2         | 1'2         | 5'8            | 0'0                  |
| SW    | 8'3   | 3'6                  | 2'2         | 16'0         | 0'0            | 2'2          | 33'3         | 2'4         | 1'9            | 41'2                 |
| W     | 25'0  | 42'2                 | 35'0        | 20'0         | 48'0           | 57'8         | 15'4         | 40'0        | 5'2            | 14'1                 |
| NW    | 12'8  | 0'0                  | 2'8         | 10'0         | 0'0            | 1'1          | 12'8         | 7'1         | 13'0           | 0'0                  |

**runek wiatru**

runków wiatru w odsetkach.

| Stara-<br>wieś | Ma-<br>niów | Jaro-<br>sław | Dro-<br>ho-<br>bycz | Lwów | Stani-<br>sław-<br>ów | Zło-<br>czów | Brze-<br>żany | Koło-<br>myja | Tarno-<br>pol | Czort-<br>ków |
|----------------|-------------|---------------|---------------------|------|-----------------------|--------------|---------------|---------------|---------------|---------------|
| W              | S           | SW            | W                   | NW   | NW                    | W            | W             | —             | W             | NW            |
| NW             | NW          | W             | W                   | NW   | NW                    | W            | NW            | SE            | NW            | NW            |
| S              | S           | SW            | W                   | NW   | NE                    | NW           | W             | NW            | NW            | NW            |
| W              | SW          | SW            | W                   | NW   | NW                    | W            | W             | NW            | NW            | NW            |
| SW             | S           | SE            | W                   | SW   | SE                    | SE           | S             | SE            | SE            | NE            |
| S              | S           | W             | E                   | W    | SE                    | SW           | S             | NE            | S             | E             |
| S              | S           | W             | W                   | SW   | —                     | S            | W             | NW            | S             | SW            |
| SW             | NE          | SW            | E                   | S    | —                     | S            | SW            | —             | S             | N             |
| S              | E           | S             | W                   | SW   | NE                    | —            | SW            | —             | S             | N             |
| S              | S           | SE            | SE                  | SE   | SE                    | E            | SW            | —             | S             | SE            |
| S              | S           | NE            | E                   | SE   | SE                    | SE           | S             | SE            | SE            | SE            |
| S              | S           | E             | E                   | E    | SE                    | SE           | S             | SE            | SE            | SE            |
| S              | SE          | E             | E                   | E    | SE                    | E            | S             | SE            | SE            | SE            |
| S              | SE          | E             | E                   | E    | SE                    | SE           | S             | SE            | SE            | S             |
| S              | S           | SE            | SE                  | SW   | SE                    | —            | S             | SE            | S             | S             |
| SW             | W           | SW            | W                   | SW   | E                     | W            | SW            | SE            | SW            | W             |
| S              | SE          | SW            | SE                  | SW   | NE                    | NW           | W             | SE            | N             | S             |
| SW             | S           | S             | W                   | SW   | N                     | W            | W             | S             | NW            | S             |
| S              | S           | SE            | E                   | SW   | SE                    | N            | S             | NW            | S             | E             |
| SW             | SE          | W             | E                   | SE   | SE                    | SE           | S             | NW            | SE            | E             |
| S              | S           | SW            | W                   | NW   | NW                    | —            | NW            | —             | NW            | NW            |
| S              | S           | W             | W                   | SW   | —                     | S            | SW            | NE            | S             | SE            |
| S              | S           | W             | W                   | NW   | W                     | W            | SW            | SW            | SW            | S             |
| S              | S           | SE            | E                   | NE   | SE                    | SE           | S             | E             | SE            | SE            |
| NW             | NW          | NW            | W                   | NW   | NW                    | W            | SW            | W             | NW            | NW            |
| NW             | NW          | W             | W                   | NW   | NW                    | NW           | NW            | E             | NW            | NW            |
| S              | S           | SE            | E                   | W    | SW                    | NW           | W             | E             | NW            | N             |
| SW             | SE          | SE            | E                   | SW   | SE                    | SE           | S             | NE            | SE            | E             |
| S              | SE          | E             | E                   | SE   | SE                    | SE           | S             | E             | SE            | SE            |
| 0'0            | 2'6         | 0'0           | 0'0                 | 0'0  | 11'6                  | 2'7          | 0'0           | 0'0           | 4'4           | 14'1          |
| 0'0            | 5'2         | 2'2           | 1'2                 | 2'2  | 2'7                   | 0'0          | 0'0           | 9'2           | 0'6           | 1'2           |
| 1'1            | 2'6         | 20'0          | 44'0                | 1'1  | 15'2                  | 13'5         | 0'0           | 16'0          | 1'1           | 12'9          |
| 1'1            | 23'4        | 21'1          | 8'3                 | 21'1 | 36'6                  | 37'8         | 3'3           | 41'5          | 27'2          | 20'0          |
| 64'4           | 49'4        | 7'8           | 0'0                 | 13'3 | 12'5                  | 8'1          | 40'0          | 3'1           | 36'1          | 29'4          |
| 12'8           | 2'6         | 25'6          | 0'0                 | 32'2 | 0'0                   | 2'7          | 25'6          | 6'2           | 2'8           | 1'2           |
| 9'4            | 5'2         | 15'6          | 45'2                | 4'4  | 4'5                   | 21'6         | 20'0          | 3'1           | 11'7          | 2'4           |
| 11'1           | 9'1         | 7'8           | 1'2                 | 25'6 | 17'0                  | 13'5         | 11'1          | 20'0          | 16'1          | 18'8          |



Stan zachmu-  
średnie

Grudzień 1876 roku.

| Dzień          | Bielsko | Żywiec | Wadowice | Czernichów | Zakopane | Kraków | Poronin | Jodłownik | Bochnia | Ujście Jez. |
|----------------|---------|--------|----------|------------|----------|--------|---------|-----------|---------|-------------|
| 1              | 9'0     | 4'3    | 9'3      | 9'0        | 3'3      | 10'0   | 6'7     | 6'7       | 6'3     | 6'7         |
| 2              | 9'3     | 9'3    | 10'0     | 10'0       | 10'0     | 10'0   | 10'0    | 9'0       | 9'3     | 10'0        |
| 3              | 9'0     | 8'3    | 10'0     | 10'0       | 10'0     | 10'0   | 7'7     | 7'0       | 10'0    | 7'7         |
| 4              | 7'7     | 10'0   | 10'0     | 10'0       | 10'0     | 10'0   | 10'0    | 8'0       | 8'0     | 10'0        |
| 5              | 4'7     | 6'3    | 6'0      | 9'7        | 10'0     | 8'3    | 1'7     | 6'3       | 8'0     | 9'0         |
| 6              | 6'0     | 6'7    | 6'0      | 10'0       | 10'0     | 10'0   | 6'0     | 7'0       | 9'3     | 9'7         |
| 7              | 7'0     | 4'3    | 3'3      | 9'7        | 0'0      | 7'7    | 6'7     | 7'7       | 7'3     | 5'0         |
| 8              | 4'7     | 6'7    | 9'3      | 6'7        | 0'0      | 7'0    | 8'3     | 6'7       | 5'3     | 7'0         |
| 9              | 7'0     | 10'0   | 7'0      | 10'0       | 0'0      | 10'0   | 8'3     | 7'3       | 8'7     | 6'7         |
| 10             | 10'0    | 10'0   | 6'0      | 10'0       | 10'0     | 10'0   | 8'3     | 10'0      | 10'0    | 9'7         |
| 11             | 10'0    | 10'0   | 10'0     | 10'0       | 3'3      | 9'0    | 8'3     | 9'0       | 6'7     | 10'0        |
| 12             | 9'3     | 10'0   | 10'0     | 9'7        | 9'3      | 10'0   | 10'0    | 6'7       | 4'3     | 7'3         |
| 13             | 10'0    | 9'3    | 10'0     | 10'0       | 0'0      | 10'0   | 10'0    | 10'0      | 4'3     | 7'0         |
| 14             | 10'0    | 10'0   | 8'0      | 9'3        | 1'3      | 9'7    | 10'0    | 8'0       | 10'0    | 10'0        |
| 15             | 10'0    | 10'0   | 10'0     | 10'0       | 2'0      | 10'0   | 10'0    | 10'0      | 8'7     | 10'0        |
| 16             | 10'0    | 10'0   | 10'0     | 10'0       | 10'0     | 10'0   | 10'0    | 9'3       | 10'0    | 10'0        |
| 17             | 10'0    | 10'0   | 10'0     | 10'0       | 10'0     | 10'0   | 10'0    | 10'0      | 10'0    | 10'0        |
| 18             | 9'7     | 9'7    | 10'0     | 10'0       | 3'3      | 10'0   | 10'0    | 6'7       | 8'7     | 10'0        |
| 19             | 10'0    | 10'0   | 10'0     | 10'0       | 0'0      | 10'0   | 6'7     | 9'3       | 9'3     | 10'0        |
| 20             | 3'3     | 4'3    | 6'3      | 10'0       | 0'0      | 7'7    | 1'0     | 3'7       | 6'7     | 9'7         |
| 21             | 10'0    | 7'0    | 10'0     | 10'0       | 6'7      | 10'0   | 10'0    | 10'0      | 10'0    | 9'7         |
| 22             | 10'0    | 10'0   | 6'3      | 10'0       | 9'3      | 10'0   | 10'0    | 10'0      | 10'0    | 10'0        |
| 23             | 10'0    | 10'0   | 10'0     | 10'0       | 0'0      | 10'0   | 10'0    | 10'0      | 10'0    | 10'0        |
| 24             | 10'0    | 10'0   | 10'0     | 10'0       | 0'0      | 9'0    | 3'3     | 9'3       | 7'0     | 9'3         |
| 25             | 10'0    | 10'0   | 10'0     | 10'0       | 0'0      | 10'0   | 10'0    | 10'0      | 10'0    | 10'0        |
| 26             | 9'3     | 10'0   | 10'0     | 10'0       | 3'3      | 10'0   | 6'7     | 10'0      | 10'0    | 10'0        |
| 27             | 10'0    | 10'0   | 10'0     | 10'0       | 0'0      | 10'0   | 6'7     | 10'0      | 10'0    | 7'7         |
| 28             | 9'0     | —      | 10'0     | 9'7        | 0'0      | 10'0   | 6'7     | 6'7       | 3'3     | 7'7         |
| 29             | 8'3     | —      | 10'0     | 10'0       | 3'3      | 10'0   | 6'7     | 9'7       | 7'0     | 10'0        |
| 30             | 7'7     | —      | 6'0      | 9'7        | 0'0      | 10'0   | 5'0     | 8'7       | 6'3     | 9'3         |
| 31             | 6'0     | —      | 0'0      | 7'3        | 0'0      | 6'7    | 4'0     | 3'7       | 1'3     | 5'3         |
| Śred.<br>mies. | 8'6     | 8'7    | 8'5      | 9'7        | 4'0      | 9'5    | 7'7     | 8'3       | 7'9     | 8'9         |

zienia nieba.  
dzienne.

| Tarnów | Kolaczyce | Dobrzeczków | Rzeszów | Starawieś | Jarosław | Drohobycz | Lwów | Stanisławów | Złoczów | Brzeżany |
|--------|-----------|-------------|---------|-----------|----------|-----------|------|-------------|---------|----------|
| 7'3    | 8'3       | 5'3         | 4'3     | 8'7       | 10'0     | 8'0       | 7'0  | 8'3         | 6'7     | 0'7      |
| 8'7    | 8'7       | 10'0        | 8'0     | 10'0      | 10'0     | 9'3       | 8'7  | 3'7         | 10'0    | 3'0      |
| 9'7    | 10'0      | 10'0        | 10'0    | 10'0      | 10'0     | 10'0      | 10'0 | 10'0        | 10'0    | 5'0      |
| 8'7    | 9'7       | 9'3         | 9'7     | 10'0      | 10'0     | 9'3       | 9'7  | 10'0        | 10'0    | 10'0     |
| 6'3    | 6'3       | 4'7         | 9'7     | 8'0       | 10'0     | 7'3       | 10'0 | 6'0         | 10'0    | 7'3      |
| 9'3    | 8'0       | 8'7         | 9'3     | 8'0       | 10'0     | 8'7       | 9'7  | 7'3         | 10'0    | 10'0     |
| 7'0    | 7'3       | 4'7         | 5'7     | 8'7       | 7'0      | 7'0       | 10'0 | 10'0        | 10'0    | 10'0     |
| 8'0    | 6'7       | 5'3         | 6'0     | 7'3       | 9'0      | 10'0      | 10'0 | 10'0        | 10'0    | 10'0     |
| 6'3    | 6'7       | 8'6         | 6'3     | 9'3       | 9'0      | 10'0      | 9'3  | 10'0        | 10'0    | 9'0      |
| 10'0   | 10'0      | 10'0        | 10'0    | 10'0      | 10'0     | 10'0      | 10'0 | 10'0        | 10'0    | 10'0     |
| 9'0    | 10'0      | 10'0        | 10'0    | 9'3       | 10'0     | 9'3       | 9'0  | 9'3         | 10'0    | 8'0      |
| 8'3    | 8'3       | 2'7         | 5'3     | 7'3       | 2'0      | 6'0       | 7'0  | 4'3         | 7'0     | 4'0      |
| 8'3    | 7'3       | 10'0        | 9'3     | 8'7       | 4'0      | 8'0       | 6'7  | 10'0        | 6'3     | 7'0      |
| 10'0   | 10'0      | 10'0        | 5'3     | 10'0      | 10'0     | 9'3       | 10'0 | 10'0        | 10'0    | 10'0     |
| 10'0   | 10'0      | 10'0        | 10'0    | 10'0      | 10'0     | 10'0      | 9'7  | 10'0        | 10'0    | 10'0     |
| 10'0   | 10'0      | 10'0        | 10'0    | 8'7       | 10'0     | 10'0      | 10'0 | 10'0        | 10'0    | 10'0     |
| 10'0   | 10'0      | 10'0        | 10'0    | 10'0      | 10'0     | 10'0      | 8'3  | 10'0        | 10'0    | 10'0     |
| 9'0    | 9'7       | 7'3         | 9'3     | 10'0      | 10'0     | 10'0      | 7'3  | 10'0        | 10'0    | 10'0     |
| 9'0    | 8'3       | 10'0        | 10'0    | 10'0      | 6'0      | 9'3       | 9'0  | 9'3         | 10'0    | 10'0     |
| 8'3    | 8'3       | 5'7         | 9'7     | 10'0      | 1'0      | 10'0      | 8'7  | 9'0         | 10'0    | 8'0      |
| 10'0   | 8'3       | 10'0        | 10'0    | 10'0      | 7'0      | 9'7       | 9'3  | 8'7         | 10'0    | 8'0      |
| 10'0   | 9'0       | 6'0         | 10'0    | 10'0      | 9'0      | 9'0       | 9'0  | 8'7         | 10'0    | 6'3      |
| 10'0   | 10'0      | 10'0        | 10'0    | 10'0      | 10'0     | 10'0      | 10'0 | 10'0        | 10'0    | 10'0     |
| 10'0   | 9'7       | 10'0        | 10'0    | 10'0      | 10'0     | 10'0      | 10'0 | 10'0        | 10'0    | 8'0      |
| 10'0   | 10'0      | 8'3         | 10'0    | 10'0      | 10'0     | 10'0      | 10'0 | 10'0        | 10'0    | 10'0     |
| 10'0   | 10'0      | 10'0        | 10'0    | 10'0      | 10'0     | 10'0      | 10'0 | 10'0        | 10'0    | 9'0      |
| 5'7    | 5'3       | 6'0         | 8'3     | 10'0      | 9'0      | 9'7       | 8'7  | 10'0        | 10'0    | 9'0      |
| 7'3    | 6'7       | 7'0         | 10'0    | 8'0       | 8'0      | 6'0       | 5'0  | 4'7         | 7'0     | 7'0      |
| 10'0   | 9'3       | 10'0        | 10'0    | 8'0       | 10'0     | 8'7       | 10'0 | 7'7         | 10'0    | 9'0      |
| 10'0   | 9'3       | 10'0        | 6'0     | 8'7       | 10'0     | 7'3       | 8'7  | 8'0         | 10'0    | 7'3      |
| 5'3    | 4'7       | 2'0         | 1'7     | 4'7       | 2'0      | 0'7       | 8'0  | 4'3         | 5'7     | 3'3      |
| 8'8    | 8'6       | 8'1         | 8'5     | 9'1       | 8'5      | 8'8       | 9'0  | 8'7         | 9'4     | 8'0      |



Stan zachmu-  
Średnie

Grudzień 1876. Styczeń 1877 roku.

| Dzień          | Kolomyja | Tarnopol | Czortków | Bielsko | Żywiec | Wadowice | Czernichów | Zakopane | Kraków | Poronin |
|----------------|----------|----------|----------|---------|--------|----------|------------|----------|--------|---------|
| 1              | 5.3      | 2.7      | 9.0      | 7.7     | 5.3    | 2.7      | 9.3        | 9.3      | 9.3    | 5.0     |
| 2              | 6.0      | 2.7      | 9.3      | 7.0     | 4.3    | 4.7      | 8.0        | 4.0      | 9.3    | 6.7     |
| 3              | 6.3      | 4.3      | 9.0      | 4.3     | 5.0    | 2.7      | 5.7        | 0.0      | 6.7    | 3.3     |
| 4              | 8.7      | 5.7      | 10.0     | 4.3     | 1.7    | 1.7      | 6.0        | 0.0      | 6.3    | 0.0     |
| 5              | 5.3      | 4.7      | 8.7      | 4.7     | 0.0    | 2.7      | 5.7        | 1.3      | 6.3    | 5.0     |
| 6              | 7.3      | 7.0      | 10.0     | 0.7     | —      | 0.0      | 1.7        | 0.0      | 1.7    | 1.0     |
| 7              | 10.0     | 4.7      | 10.0     | 0.7     | —      | 0.0      | 0.3        | 2.7      | 1.0    | 0.0     |
| 8              | 10.0     | 4.7      | 10.0     | 2.0     | 8.7    | 0.0      | 0.3        | 0.0      | 0.7    | 0.0     |
| 9              | 10.0     | 6.7      | 10.0     | 7.3     | 9.7    | 9.3      | 8.7        | 0.0      | 10.0   | 10.0    |
| 10             | 10.0     | 10.0     | 10.0     | 8.3     | 10.0   | 10.0     | 9.0        | 1.3      | 8.0    | 6.7     |
| 11             | 10.0     | 10.0     | 10.0     | 7.7     | 10.0   | 10.0     | 10.0       | 6.7      | 10.0   | 10.0    |
| 12             | 6.7      | 8.3      | 4.7      | 2.3     | 10.0   | 10.0     | 10.0       | 0.0      | 10.0   | 0.0     |
| 13             | 10.0     | 6.7      | 7.3      | 10.0    | 9.3    | 10.0     | 9.7        | 10.0     | 10.0   | 3.3     |
| 14             | 10.0     | 10.0     | 10.0     | 9.7     | 10.0   | 9.3      | 10.0       | 3.3      | 10.0   | 10.0    |
| 15             | 10.0     | 7.7      | 10.0     | 7.7     | 10.0   | 10.0     | 10.0       | 0.0      | 10.0   | 6.7     |
| 16             | 10.0     | 7.7      | 10.0     | 10.0    | 8.3    | 10.0     | 10.0       | 10.0     | 10.0   | 6.7     |
| 17             | 10.0     | 3.3      | 10.0     | 10.0    | 10.0   | 10.0     | 10.0       | 0.0      | 10.0   | 10.0    |
| 18             | 10.0     | 8.3      | 10.0     | 7.3     | 5.0    | 10.0     | 8.7        | 0.0      | 10.0   | 10.0    |
| 19             | 10.0     | 8.3      | 10.0     | 7.7     | 0.0    | 10.0     | 10.0       | 0.0      | 10.0   | 10.0    |
| 20             | 6.3      | 6.0      | 9.3      | 3.7     | 5.0    | 5.3      | 4.3        | 0.0      | 5.0    | 3.3     |
| 21             | 8.0      | 8.3      | 8.3      | 2.7     | 10.0   | 0.0      | 0.7        | 8.0      | 0.0    | 0.0     |
| 22             | 4.7      | 7.3      | 10.0     | 6.0     | 10.0   | 10.0     | 10.0       | 0.0      | 8.7    | 8.7     |
| 23             | 9.0      | 6.0      | 10.0     | 10.0    | 10.0   | 6.7      | 10.0       | 0.0      | 10.0   | 10.0    |
| 24             | 10.0     | 5.3      | 10.0     | 9.3     | 10.0   | 10.0     | 10.0       | 0.0      | 10.0   | 10.0    |
| 25             | 10.0     | 9.0      | 10.0     | 7.7     | 8.7    | 10.0     | 10.0       | 0.0      | 6.7    | 0.0     |
| 26             | 10.0     | 8.7      | 10.0     | 6.3     | 6.7    | 3.7      | 10.0       | 0.0      | 6.7    | 6.0     |
| 27             | 10.0     | 7.3      | 10.0     | 1.3     | 1.7    | 0.0      | 0.0        | 0.0      | 1.7    | 0.0     |
| 28             | 8.7      | 2.3      | 5.3      | 9.7     | 10.0   | 3.3      | 9.0        | 0.0      | 10.0   | 6.7     |
| 29             | 8.3      | 6.3      | 10.0     | 7.3     | 5.0    | 1.0      | 8.7        | 0.0      | 8.3    | 10.0    |
| 30             | 7.0      | 6.0      | 9.3      | 5.0     | 4.7    | 3.3      | 9.0        | 0.0      | 7.0    | 5.0     |
| 31             | 5.3      | 1.7      | 2.0      | 9.3     | 9.0    | 10.0     | 10.0       | 0.0      | 8.0    | 8.7     |
| Śred.<br>mies. | 8.5      | 6.4      | 9.1      | 6.4     | 7.2    | 6.0      | 7.6        | 1.8      | 7.5    | 5.6     |

zienia nieba,  
dzienne,

| Jodłownik | Bochnia | Ujście Jez. | Tarnów | Kolaczyce | Dobrzeczków | Rzeszów | Starawieś | Maniów | Jarosław | Drohobycz |
|-----------|---------|-------------|--------|-----------|-------------|---------|-----------|--------|----------|-----------|
| 6.0       | 4.0     | 8.0         | 8.7    | 8.7       | 3.0         | 7.7     | 6.7       | 6.3    | 5.0      | 6.0       |
| 3.0       | 3.3     | 5.7         | 7.0    | 6.3       | 8.7         | 2.3     | 5.3       | 7.7    | 5.0      | 5.3       |
| 5.7       | 4.3     | 5.0         | 4.0    | 6.7       | 6.7         | 3.3     | 6.0       | 8.7    | 4.0      | 6.7       |
| 2.0       | 2.7     | 5.0         | 5.0    | 4.3       | 5.3         | 2.7     | 4.7       | 6.7    | 2.0      | 7.3       |
| 4.7       | 3.3     | 5.3         | 5.3    | 4.7       | 8.0         | 5.7     | 6.7       | 4.3    | 6.0      | 7.0       |
| 1.0       | 0.0     | 4.0         | 2.0    | 1.3       | 3.3         | 1.0     | 4.7       | 5.0    | 1.0      | 3.0       |
| 0.3       | 0.0     | 0.7         | 0.3    | 1.3       | 1.3         | 2.7     | 3.3       | 4.3    | 1.0      | 3.0       |
| 1.0       | 0.0     | 0.7         | 2.0    | 1.3       | 0.7         | 1.0     | 1.3       | 3.0    | 1.0      | 1.7       |
| 9.0       | 5.7     | 9.0         | 7.0    | 8.0       | 0.0         | 4.0     | 6.7       | 5.7    | 5.0      | 8.7       |
| 5.7       | 5.7     | 4.3         | 4.7    | 5.0       | 0.0         | 4.7     | 7.3       | 6.0    | 5.0      | 8.7       |
| 10.0      | 10.0    | 10.0        | 10.0   | 10.0      | 10.0        | 10.0    | 10.0      | 10.0   | 10.0     | 10.0      |
| 5.7       | 4.3     | 9.0         | 6.0    | 4.0       | 8.7         | 10.0    | 3.3       | 9.3    | 10.0     | 10.0      |
| 9.3       | 8.3     | 10.0        | 10.0   | 10.0      | 10.0        | 10.0    | 10.0      | 4.3    | 10.0     | 10.0      |
| 10.0      | 10.0    | 10.0        | 10.0   | 10.0      | 10.0        | 10.0    | 10.0      | 10.0   | 10.0     | 10.0      |
| 10.0      | 10.0    | 10.0        | 10.0   | 10.0      | 10.0        | 10.0    | 9.3       | 8.7    | 10.0     | 10.0      |
| 10.0      | 10.0    | 10.0        | 10.0   | 10.0      | 10.0        | 10.0    | 10.0      | 8.3    | 10.0     | 10.0      |
| 10.0      | 10.0    | 9.7         | 9.7    | 9.7       | 6.7         | 6.7     | 6.7       | 9.0    | 10.0     | 10.0      |
| 8.3       | 7.0     | 10.0        | 6.7    | 9.7       | 10.0        | 9.7     | 5.3       | 7.3    | 10.0     | 10.0      |
| 6.7       | 6.7     | 6.7         | 6.7    | 6.0       | 6.7         | 6.3     | 6.0       | 9.7    | 4.0      | 10.0      |
| 2.0       | 3.3     | 2.0         | 4.0    | 0.7       | 0.0         | 0.0     | 0.0       | 0.0    | 0.0      | 4.3       |
| 0.0       | 5.3     | 1.7         | 0.0    | 1.0       | 0.0         | 0.0     | 0.7       | 0.0    | 0.0      | 4.7       |
| 8.3       | 6.3     | 3.0         | 10.0   | 9.7       | 7.3         | 5.3     | 9.3       | 4.7    | 8.0      | 10.0      |
| 10.0      | 10.0    | 10.0        | 10.0   | 10.0      | 10.0        | 10.0    | 10.0      | 10.0   | 10.0     | 10.0      |
| 10.0      | 10.0    | 10.0        | 10.0   | 9.7       | 6.7         | 10.0    | 9.3       | 6.7    | 10.0     | 10.0      |
| 6.7       | 3.3     | 9.3         | 4.7    | 6.7       | 3.3         | 5.7     | 2.0       | 2.3    | 10.0     | 10.0      |
| 1.7       | 3.3     | 5.7         | 6.3    | 7.3       | 6.7         | 9.3     | 7.3       | 9.0    | 10.0     | 10.0      |
| 0.0       | 0.0     | 0.3         | 3.0    | 0.3       | 0.0         | 0.7     | 0.7       | 0.3    | 1.0      | 3.0       |
| 8.3       | 4.7     | 6.0         | 6.0    | 7.3       | 2.0         | 7.3     | 4.0       | 6.7    | 2.0      | 4.0       |
| 7.7       | 7.3     | 7.0         | 7.3    | 6.7       | 6.0         | 6.7     | 7.3       | 9.7    | 5.0      | 5.0       |
| 6.0       | 10.0    | 6.0         | 4.3    | 7.0       | 10.0        | 6.3     | 7.3       | 10.0   | 7.0      | 4.3       |
| 5.0       | 6.3     | 7.7         | 9.0    | 9.3       | 10.0        | 6.7     | 8.7       | 10.0   | 8.0      | 8.3       |
| 5.9       | 5.6     | 6.5         | 6.4    | 6.5       | 5.8         | 6.0     | 6.1       | 6.6    | 6.1      | 7.5       |



## Stan zachmu-

Średnie

Styczeń 1877 r.

Luty 1877 roku.

| Dzień          | Lwów | Stanisławów | Złoczów | Brzeżany | Kolomyja | Tarnopol | Czortków | Bielsko | Żywiec | Wadowice | Sucha |
|----------------|------|-------------|---------|----------|----------|----------|----------|---------|--------|----------|-------|
| 1              | 7·7  | 7·7         | 6·7     | 6·3      | 9·7      | 4·0      | 8·7      | 10·0    | 10·0   | 10·0     | 10·0  |
| 2              | 5·7  | 4·7         | 4·0     | 5·7      | 6·3      | 1·0      | 5·7      | 10·0    | 10·0   | 10·0     | 10·0  |
| 3              | 9·0  | 6·7         | 10·0    | 7·0      | 3·0      | 5·3      | 7·7      | 6·0     | 7·3    | 6·0      | 4·7   |
| 4              | 4·0  | 5·7         | 1·3     | 4·7      | 5·0      | 0·7      | 4·0      | 6·0     | 7·3    | 6·7      | 3·7   |
| 5              | 8·7  | 8·3         | 7·7     | 6·3      | 8·3      | 3·7      | 9·3      | 10·0    | 10·0   | 10·0     | 10·0  |
| 6              | 5·0  | 7·3         | 6·7     | 4·0      | 8·0      | 2·7      | 8·3      | 10·0    | 9·7    | 10·0     | 10·0  |
| 7              | 4·7  | 4·7         | 6·0     | 6·3      | 3·3      | 4·3      | 8·7      | 10·0    | 10·0   | 10·0     | 10·0  |
| 8              | 2·3  | 6·7         | 4·0     | 6·7      | 10·0     | 8·7      | 10·0     | 10·0    | 8·3    | 10·0     | 10·0  |
| 9              | 8·0  | 8·7         | 6·3     | 6·3      | 10·0     | 8·3      | 10·0     | 10·0    | 10·0   | 10·0     | 9·7   |
| 10             | 7·0  | 6·3         | 5·7     | 5·0      | 6·3      | 5·0      | 10·0     | 9·3     | 9·3    | 10·0     | 10·0  |
| 11             | 10·0 | 10·0        | 10·0    | 10·0     | 10·0     | 10·0     | 10·0     | 8·0     | 10·0   | 8·7      | 6·7   |
| 12             | 10·0 | 10·0        | 10·0    | 10·0     | 10·0     | 8·7      | 10·0     | 7·0     | 10·0   | 7·3      | 8·3   |
| 13             | 10·0 | 10·0        | 10·0    | 10·0     | 10·0     | 8·7      | 10·0     | 7·3     | 10·0   | 6·0      | 6·7   |
| 14             | 10·0 | 10·0        | 10·0    | 10·0     | 10·0     | 7·7      | 10·0     | 1·7     | 0·0    | 4·7      | 4·3   |
| 15             | 9·7  | 10·0        | 10·0    | 10·0     | 10·0     | 8·0      | 10·0     | 6·3     | 6·7    | 2·7      | 6·3   |
| 16             | 10·0 | 10·0        | 10·0    | 9·0      | 10·0     | 9·0      | 10·0     | 2·7     | 3·0    | 0·0      | 2·3   |
| 17             | 10·0 | 10·0        | 10·0    | 10·0     | 10·0     | 5·7      | 9·3      | 8·7     | 10·0   | 10·0     | 8·0   |
| 18             | 10·0 | 10·0        | 9·0     | 9·0      | 9·3      | 3·3      | 10·0     | 10·0    | 10·0   | 10·0     | 10·0  |
| 19             | 9·0  | 10·0        | 2·3     | 10·0     | 10·0     | 4·3      | 10·0     | 3·7     | 4·0    | 10·0     | 3·3   |
| 20             | 6·7  | 10·0        | 9·7     | 10·0     | 10·0     | 8·0      | 10·0     | 7·0     | 6·3    | 6·7      | 7·3   |
| 21             | 7·3  | 9·3         | 5·7     | 9·0      | 10·0     | 7·3      | 10·0     | 8·0     | 8·3    | 10·0     | 9·3   |
| 22             | 10·0 | 9·3         | 10·0    | 7·0      | 6·7      | 3·3      | 5·0      | 10·0    | 10·0   | 10·0     | 9·3   |
| 23             | 10·0 | 10·0        | 10·0    | 10·0     | 10·0     | 7·7      | 10·0     | 10·0    | 10·0   | 10·0     | 10·0  |
| 24             | 9·3  | 10·0        | 6·0     | 9·0      | 7·3      | 5·7      | 7·0      | 4·3     | 8·7    | 5·3      | 6·7   |
| 25             | 10·0 | 10·0        | 10·0    | 10·0     | 9·7      | 6·3      | 8·0      | 10·0    | 10·0   | 10·0     | 9·0   |
| 26             | 10·0 | 9·7         | 10·0    | 10·0     | 10·0     | 6·0      | 9·0      | 9·3     | 10·0   | 8·7      | 8·0   |
| 27             | 4·7  | 7·3         | 1·0     | 2·3      | 3·3      | 3·7      | 1·0      | 3·0     | 3·3    | 3·0      | 6·3   |
| 28             | 4·3  | 4·0         | 3·3     | 1·7      | 2·0      | 0·7      | 3·0      | 6·0     | 8·3    | 10·0     | 8·3   |
| 29             | 6·0  | 3·0         | 0·0     | 0·0      | 5·0      | 0·0      | 5·0      |         |        |          |       |
| 30             | 10·0 | 6·7         | 10·0    | 6·7      | 8·3      | 7·7      | 10·0     |         |        |          |       |
| 31             | 10·0 | 7·0         | 7·0     | 9·0      | 2·7      | 4·7      | 8·7      |         |        |          |       |
| Śred.<br>mies. | 8·0  | 8·2         | 7·2     | 7·5      | 7·9      | 5·5      | 8·3      | 7·7     | 8·2    | 8·1      | 7·8   |

## rzenia nieba,

dziennie.

| Czernichów | Kraków | Poronin | Jodłownik | Bochnia | Ujście Jez. | Tarnów | Kolaczyce | Dobrzeczków | Rzeszów | Starawiec |
|------------|--------|---------|-----------|---------|-------------|--------|-----------|-------------|---------|-----------|
| 10·0       | 10·0   | 10·0    | 10·0      | 9·3     | 10·0        | 9·7    | 9·7       | 10·0        | 10·0    | 9·3       |
| 10·0       | 10·0   | 10·0    | 10·0      | 10·0    | 10·0        | 10·0   | 10·0      | 10·0        | 10·0    | 10·0      |
| 7·3        | 7·7    | 6·7     | 6·7       | 6·0     | 7·3         | 9·0    | 10·0      | 10·0        | 10·0    | 10·0      |
| 7·7        | 7·0    | 2·7     | 7·3       | 5·0     | 9·0         | 8·0    | 1·3       | 3·7         | 5·3     | 5·3       |
| 10·0       | 10·0   | 10·0    | 10·0      | 10·0    | 10·0        | 9·7    | 8·3       | 6·7         | 10·0    | 10·0      |
| 10·0       | 10·0   | 10·0    | 10·0      | 10·0    | 8·3         | 10·0   | 9·7       | 10·0        | 8·0     | 10·0      |
| 10·0       | 10·0   | 10·0    | 10·0      | 10·0    | 10·0        | 10·0   | 9·7       | 10·0        | 9·3     | 10·0      |
| 10·0       | 9·7    | 10·0    | 10·0      | 9·3     | 7·0         | 10·0   | 7·3       | 7·3         | 6·7     | 8·0       |
| 10·0       | 10·0   | 10·0    | 10·0      | 10·0    | 10·0        | 10·0   | 9·7       | 10·0        | 9·3     | 10·0      |
| 9·0        | 9·7    | 10·0    | 10·0      | 8·3     | 7·3         | 7·7    | 8·0       | 8·0         | 10·0    | 10·0      |
| 10·0       | 9·0    | 8·3     | 8·3       | 7·7     | 9·0         | 7·0    | 9·0       | 10·0        | 9·7     | 10·0      |
| 10·0       | 7·7    | 10·0    | 6·7       | 6·0     | 5·0         | 6·3    | 8·0       | 8·3         | 9·7     | 6·7       |
| 6·0        | 5·0    | 10·0    | 6·7       | 4·0     | 7·3         | 5·3    | 5·3       | 4·7         | 2·3     | 3·3       |
| 2·0        | 1·7    | 3·3     | 6·7       | 2·3     | 9·0         | 5·3    | 9·0       | 6·0         | 10·0    | 8·0       |
| 6·3        | 6·7    | 6·7     | 6·3       | 4·0     | 6·3         | 4·3    | 4·7       | 4·0         | 6·3     | 6·0       |
| 2·0        | 5·7    | 4·0     | 3·3       | 2·0     | 3·7         | 5·0    | 4·2       | 1·7         | 5·7     | 4·0       |
| 10·0       | 10·0   | 10·0    | 9·3       | 7·3     | 9·3         | 9·7    | 9·3       | 8·0         | 6·3     | 8·7       |
| 10·0       | 10·0   | 10·0    | 10·0      | 10·0    | 10·0        | 10·0   | 10·0      | 10·0        | 10·0    | 10·0      |
| 3·3        | 4·0    | 3·3     | 3·7       | 3·3     | 3·7         | 4·0    | 2·7       | 4·7         | 6·3     | 10·0      |
| 6·7        | 8·7    | 8·3     | 7·7       | 10·0    | 5·0         | 7·0    | 9·0       | 10·0        | 3·7     | 8·0       |
| 9·3        | 10·0   | 10·0    | 8·3       | 9·3     | 7·7         | 10·0   | 8·7       | 10·0        | 9·3     | 10·0      |
| 10·0       | 10·0   | 10·0    | 10·0      | 10·0    | 10·0        | 10·0   | 10·0      | 10·0        | 10·0    | 10·0      |
| 10·0       | 10·0   | 10·0    | 10·0      | 10·0    | 10·0        | 10·0   | 10·0      | 10·0        | 10·0    | 10·0      |
| 7·7        | 6·0    | 3·3     | 3·3       | 2·7     | 4·0         | 7·3    | 5·7       | 4·7         | 6·0     | 7·3       |
| 8·0        | 10·0   | 8·7     | 10·0      | 6·7     | 7·3         | 6·7    | 10·0      | 8·7         | 7·7     | 8·0       |
| 8·0        | 8·7    | 8·3     | 7·7       | 6·3     | 8·0         | 7·7    | 7·7       | 7·3         | 6·7     | 7·3       |
| 9·0        | 4·7    | 8·3     | 6·7       | 5·7     | 4·3         | 7·0    | 6·7       | 4·0         | 5·7     | 8·0       |
| 9·7        | 8·0    | 10·0    | 6·0       | 6·7     | 9·0         | 9·3    | 9·0       | 8·7         | 5·0     | 4·7       |
| 8·3        | 8·2    | 8·3     | 8·0       | 7·2     | 7·8         | 8·1    | 8·0       | 7·7         | 7·8     | 8·3       |



Stan zachmu-  
średnie

Luty 1877 r.

| Dzień          | Maniów | Jarosław | Drohobycz | Lwów | Stanisławów | Złoczów | Brzeżany | Kołomyja | Tarnopol | Czortków |
|----------------|--------|----------|-----------|------|-------------|---------|----------|----------|----------|----------|
| 1              | 9'0    | 9'0      | 8'7       | 10'0 | 5'7         | 10'0    | 6'7      | 8'0      | 7'3      | 9'7      |
| 2              | 10'0   | 10'0     | 10'0      | 10'0 | 10'0        | 10'0    | 10'0     | 10'0     | 9'0      | 10'0     |
| 3              | 4'7    | 10'0     | 10'0      | 10'0 | 10'0        | 10'0    | 8'7      | 10'0     | 8'3      | 10'0     |
| 4              | 2'3    | 3'0      | 4'3       | 5'7  | 2'0         | 3'3     | 5'0      | 0'7      | 3'3      | 6'7      |
| 5              | 10'0   | 7'0      | 5'0       | 8'0  | 8'3         | 6'7     | 4'0      | 4'3      | 7'7      | 7'3      |
| 6              | 8'3    | 7'0      | 7'0       | 8'3  | 5'3         | 9'7     | 7'3      | 9'3      | 8'3      | 9'3      |
| 7              | 10'0   | 10'0     | 10'0      | 10'0 | 10'0        | 10'0    | 9'0      | 8'0      | 7'7      | 9'3      |
| 8              | 9'0    | 10'0     | 10'0      | 10'0 | 8'0         | 10'0    | 10'0     | 9'0      | 10'0     | 10'0     |
| 9              | 9'7    | 10'0     | 10'0      | 10'0 | 10'0        | 10'0    | 8'0      | 10'0     | 8'3      | 9'7      |
| 10             | 7'0    | 10'0     | 6'7       | 8'3  | 7'0         | 8'3     | 8'3      | 6'0      | 4'7      | 9'3      |
| 11             | 9'0    | 8'0      | 7'7       | 10'0 | 6'3         | 10'0    | 8'0      | 5'0      | 6'0      | 8'0      |
| 12             | 7'3    | 8'0      | 7'7       | 8'3  | 8'0         | 10'0    | 5'7      | 5'3      | 5'7      | 7'7      |
| 13             | 5'7    | 7'0      | 6'7       | 5'0  | 3'0         | 8'0     | 1'7      | 3'3      | 2'7      | 3'3      |
| 14             | 7'7    | 6'0      | 5'7       | 5'0  | 6'0         | 6'7     | 5'0      | 2'3      | 3'0      | 5'0      |
| 15             | 3'7    | 3'0      | 1'7       | 3'7  | 0'0         | 3'3     | 1'7      | 0'0      | 2'7      | 2'7      |
| 16             | 5'0    | 4'0      | 5'7       | 4'7  | 6'3         | 6'7     | 9'0      | 6'3      | 3'7      | 10'0     |
| 17             | 8'7    | 8'0      | 8'7       | 8'0  | 8'0         | 9'0     | 6'3      | 6'3      | 2'3      | 5'0      |
| 18             | 10'0   | 10'0     | 10'0      | 9'3  | 8'7         | 10'0    | 10'0     | 8'7      | 6'3      | 10'0     |
| 19             | 4'0    | 7'0      | 10'0      | 6'0  | 10'0        | 10'0    | 10'0     | 10'0     | 10'0     | 10'0     |
| 20             | 9'0    | 9'0      | 8'7       | 9'0  | 10'0        | 10'0    | 10'0     | 10'0     | 8'3      | 10'0     |
| 21             | 7'7    | 10'0     | 10'0      | 10'0 | 10'0        | 10'0    | 10'0     | 10'0     | 6'3      | 10'0     |
| 22             | 9'7    | 10'0     | 10'0      | 9'7  | 10'0        | 10'0    | 10'0     | 10'0     | 6'0      | 10'0     |
| 23             | 10'0   | 10'0     | 10'0      | 10'0 | 10'0        | 10'0    | 10'0     | 10'0     | 7'0      | 10'0     |
| 24             | 7'7    | 10'0     | 5'0       | 7'3  | 8'7         | 9'0     | 9'0      | 10'0     | 4'3      | 7'3      |
| 25             | 10'0   | 8'0      | 8'0       | 6'7  | 8'3         | 6'7     | 4'0      | 6'3      | 0'3      | 6'3      |
| 26             | 7'7    | 8'0      | 9'3       | 6'7  | 8'3         | 9'3     | 7'0      | 6'0      | 1'3      | 6'3      |
| 27             | 7'3    | 8'0      | 5'7       | 5'7  | 9'3         | 6'7     | 5'0      | 6'7      | 3'7      | 6'3      |
| 28             | 6'0    | 8'0      | 5'0       | 5'0  | 9'0         | 6'7     | 8'0      | 9'0      | 3'3      | 9'0      |
| 29             |        |          |           |      |             |         |          |          |          |          |
| 30             |        |          |           |      |             |         |          |          |          |          |
| 31             |        |          |           |      |             |         |          |          |          |          |
| Śred.<br>mies. | 7'7    | 8'1      | 7'8       | 7'8  | 7'7         | 8'6     | 7'5      | 7'2      | 5'6      | 8'1      |

zenia nieba.  
dziennie.

Marzec 1877 roku.

| Bielsko | Żywiec | Wadowice | Suczka | Czernichów | Zakopane | Kraków | Poronin | Jodłownik | Bochnia | Ujście Jez |
|---------|--------|----------|--------|------------|----------|--------|---------|-----------|---------|------------|
| 5'3     | 8'0    | 5'3      | 8'3    | 5'3        | 2'7      | 8'0    | 6'7     | 0'3       | 4'3     | 3'0        |
| 10'0    | 10'0   | 6'7      | 9'3    | 10'0       | 7'7      | 8'3    | 10'0    | 8'3       | 5'7     | 5'3        |
| 3'7     | 3'3    | 3'3      | 3'3    | 4'0        | 0'0      | 1'0    | 0'0     | 0'0       | 1'3     | 4'0        |
| 1'0     | 0'3    | 0'0      | 0'0    | 1'7        | 1'3      | 2'0    | 0'0     | 0'3       | 0'0     | 1'3        |
| 4'0     | 1'3    | 0'0      | 3'3    | 0'7        | 2'7      | 3'3    | 3'3     | 2'7       | 0'0     | 0'0        |
| 6'7     | 10'0   | 8'0      | 9'7    | 10'0       | 3'3      | 0'3    | 8'7     | 6'7       | 6'0     | 7'0        |
| 10'0    | 9'3    | 10'0     | 8'3    | 8'0        | 6'7      | 9'3    | 8'3     | 8'3       | 7'7     | 7'0        |
| 10'0    | 10'0   | 10'0     | 9'7    | 10'0       | 8'7      | 10'0   | 8'3     | 10'0      | 10'0    | 10'0       |
| 10'0    | 10'0   | 10'0     | 10'0   | 10'0       | 10'0     | 10'0   | 10'0    | 10'0      | 10'0    | 10'0       |
| 9'7     | 10'0   | 6'7      | 10'0   | 9'7        | 0'0      | 8'0    | 10'0    | 10'0      | 7'7     | 7'0        |
| 1'3     | 0'0    | 0'0      | 0'0    | 0'0        | 1'3      | 4'3    | 0'0     | 0'0       | 0'0     | 1'0        |
| 1'7     | 0'0    | 0'0      | 2'7    | 0'3        | 5'3      | 2'3    | 3'3     | 5'7       | 4'7     | 4'0        |
| 7'0     | 6'7    | 6'7      | 6'7    | 6'7        | 0'0      | 6'7    | 6'7     | 6'7       | 2'0     | 7'0        |
| 10'0    | 6'3    | 6'7      | 9'7    | 10'0       | 5'0      | 10'0   | 6'7     | 8'0       | 4'3     | 8'0        |
| 10'0    | 9'3    | 10'0     | 10'0   | 10'0       | 5'3      | 9'7    | 10'0    | 7'7       | 5'7     | 5'0        |
| 7'7     | 8'3    | 10'0     | 6'3    | 8'7        | 3'3      | 10'0   | 2'7     | 4'7       | 2'7     | 8'0        |
| 8'7     | 9'0    | 9'3      | 7'7    | 9'0        | 2'7      | 10'0   | 10'0    | 8'7       | 7'3     | 9'0        |
| 7'7     | 7'3    | 9'3      | 6'7    | 8'3        | 3'3      | 8'3    | 8'3     | 7'3       | 5'3     | 10'0       |
| 10'0    | 10'0   | 8'7      | 9'7    | 10'0       | 0'0      | 9'7    | 10'0    | 10'0      | 8'0     | 10'0       |
| 5'0     | 5'7    | 5'0      | 4'7    | 5'0        | 6'7      | 8'7    | 10'0    | 6'3       | 5'3     | 5'7        |
| 7'7     | 9'3    | 5'3      | 7'7    | 7'3        | 3'3      | 9'0    | 7'0     | 8'7       | 6'0     | 7'7        |
| 1'3     | 2'3    | 5'0      | 3'0    | 0'7        | 7'3      | 3'7    | 8'3     | 3'7       | 2'7     | 2'0        |
| 8'0     | 8'3    | 5'0      | 6'3    | 5'3        | 0'0      | 6'7    | 6'7     | 7'7       | 5'0     | 7'0        |
| 9'0     | 9'0    | 10'0     | 10'0   | 8'3        | 3'3      | 10'0   | 7'0     | 9'7       | 8'3     | 8'3        |
| 2'7     | 4'3    | 4'3      | 3'7    | 1'7        | 3'3      | 4'7    | 10'0    | 2'0       | 1'3     | 3'0        |
| 8'0     | 8'0    | 0'7      | 7'0    | 5'3        | 4'7      | 9'7    | 10'0    | 7'3       | 5'0     | 7'0        |
| 4'3     | 5'0    | 0'7      | 4'7    | 4'0        | 8'0      | 6'7    | 6'7     | 4'3       | 2'7     | 5'0        |
| 3'3     | 1'7    | 0'0      | 3'3    | 3'7        | 7'3      | 1'7    | 2'7     | 2'7       | 2'0     | 1'0        |
| 7'7     | 7'7    | 6'7      | 6'3    | 5'3        | 0'0      | 6'3    | 4'3     | 6'7       | 3'3     | 7'0        |
| 10'0    | 10'0   | 6'7      | 10'0   | 10'0       | 3'3      | 10'0   | 10'0    | 9'3       | 8'0     | 10'0       |
| 10'0    | 9'3    | 9'3      | 10'0   | 10'0       | 10'0     | 10'0   | 7'7     | 9'3       | 7'7     | 7'0        |
| 6'8     | 6'8    | 5'8      | 6'7    | 6'4        | 4'1      | 7'3    | 6'9     | 6'8       | 4'8     | 6'0        |



Stan zachmu-  
Średnie

Marzec 1877 roku.

| Dzień          | Tarnów | Kolaczyce | Dobrzeczków | Rzeszów | Starawieś | Maniów | Jarosław | Drohobycz | Lwów | Stanisławów |
|----------------|--------|-----------|-------------|---------|-----------|--------|----------|-----------|------|-------------|
| 1              | 4.7    | 6.3       | 8.7         | 9.0     | 9.3       | 6.7    | 6.0      | 7.3       | 7.3  | 8.3         |
| 2              | 5.0    | 4.7       | 2.7         | 4.7     | 4.7       | 5.7    | 1.0      | 8.3       | 7.7  | 10.0        |
| 3              | 7.0    | 9.7       | 7.3         | 10.0    | 10.0      | 10.0   | 10.0     | 10.0      | 10.0 | 10.0        |
| 4              | 1.3    | 5.0       | 5.3         | 6.7     | 7.3       | 6.7    | 10.0     | 10.0      | 10.0 | 10.0        |
| 5              | 0.3    | 0.3       | 0.0         | 1.0     | 2.0       | 2.0    | 5.0      | 7.3       | 6.7  | 7.0         |
| 6              | 8.3    | 8.0       | 8.0         | 6.0     | 7.3       | 6.0    | 9.0      | 5.0       | 9.7  | 3.0         |
| 7              | 9.0    | 6.3       | 6.0         | 7.0     | 6.7       | 5.0    | 4.0      | 4.7       | 7.3  | 2.3         |
| 8              | 10.0   | 9.7       | 7.3         | 10.0    | 10.0      | 10.0   | 10.0     | 8.3       | 10.0 | 6.0         |
| 9              | 10.0   | 10.0      | 10.0        | 10.0    | 10.0      | 10.0   | 10.0     | 10.0      | 10.0 | 10.0        |
| 10             | 10.0   | 10.0      | 8.7         | 10.0    | 10.0      | 10.0   | 10.0     | 10.0      | 10.0 | 7.3         |
| 11             | 1.3    | 0.0       | 0.0         | 0.0     | 0.7       | 0.3    | 0.0      | 2.0       | 2.7  | 1.0         |
| 12             | 6.3    | 6.7       | 10.0        | 9.7     | 10.0      | 5.3    | 0.0      | 8.3       | 3.3  | 2.3         |
| 13             | 5.3    | 4.3       | 4.7         | 1.3     | 3.3       | 5.3    | 1.0      | 1.7       | 0.0  | 0.3         |
| 14             | 7.0    | 9.7       | 10.0        | 9.7     | 10.0      | 10.0   | 10.0     | 9.7       | 10.0 | 8.3         |
| 15             | 10.0   | 8.0       | 8.0         | 5.3     | 10.0      | 10.0   | 7.0      | 8.0       | 10.0 | 6.0         |
| 16             | 4.0    | 6.3       | 5.7         | 6.7     | 7.3       | 8.7    | 7.0      | 6.7       | 5.0  | 5.0         |
| 17             | 9.3    | 8.7       | 8.0         | 9.3     | 10.0      | 9.3    | 10.0     | 5.7       | 8.3  | 7.0         |
| 18             | 6.7    | 7.7       | 10.0        | 10.0    | 6.7       | 9.7    | 10.0     | 10.0      | 10.0 | 10.0        |
| 19             | 10.0   | 8.7       | 10.0        | 10.0    | 10.0      | 10.0   | 10.0     | 10.0      | 8.3  | 6.3         |
| 20             | 7.0    | 6.3       | 5.3         | 5.3     | 6.0       | 5.7    | 7.0      | 5.3       | 9.3  | 8.7         |
| 21             | 9.3    | 9.0       | 8.0         | 7.7     | 8.0       | 8.0    | 5.0      | 7.0       | 6.3  | 10.0        |
| 22             | 5.0    | 4.3       | 3.3         | 6.0     | 4.0       | 7.7    | 2.0      | 6.7       | 5.7  | 5.0         |
| 23             | 6.3    | 6.7       | 4.3         | 5.3     | 5.3       | 3.3    | 6.0      | 5.7       | 6.3  | 7.3         |
| 24             | 10.0   | 8.7       | 6.7         | 10.0    | 8.0       | 9.3    | 10.0     | 10.0      | 9.0  | 9.7         |
| 25             | 2.7    | 5.0       | 2.7         | 4.7     | 3.3       | 8.7    | 6.0      | 6.0       | 6.7  | 5.0         |
| 26             | 6.0    | 6.7       | 4.0         | 3.3     | 3.3       | 3.7    | 4.0      | 2.3       | 6.0  | 6.3         |
| 27             | 6.0    | 5.7       | 4.0         | 3.3     | 6.0       | 5.3    | 7.0      | 4.3       | 6.0  | 7.7         |
| 28             | 1.7    | 4.7       | 3.0         | 3.0     | 2.7       | 6.7    | 3.0      | 2.0       | 6.3  | 5.0         |
| 29             | 6.3    | 6.3       | 5.3         | 6.7     | 4.7       | 5.0    | 5.0      | 4.0       | 4.0  | 5.0         |
| 30             | 10.0   | 10.0      | 7.0         | 10.0    | 10.0      | 10.0   | 10.0     | 10.0      | 9.0  | 9.3         |
| 31             | 10.0   | 8.0       | 7.3         | 8.3     | 10.0      | 6.7    | 10.0     | 7.0       | 5.7  | 8.3         |
| Śred.<br>mies. | 6.6    | 6.8       | 6.2         | 6.8     | 7.0       | 7.1    | 6.6      | 6.9       | 7.4  | 6.7         |

zienia nieba.  
dzienne.

Kwiecień 1877 r.

| Złoczów | Brzeżany | Kolomyja | Tarnopol | Czortków | Bielsko | Żywiec | Wadowice | Sucha | Czernichów | Zakopane |
|---------|----------|----------|----------|----------|---------|--------|----------|-------|------------|----------|
| 3.0     | 5.0      | 10.0     | 3.3      | 7.0      | 10.0    | 9.3    | 10.0     | 8.7   | 10.0       | 7.3      |
| 6.7     | 8.0      | 7.3      | 5.0      | 6.7      | 6.3     | 10.0   | 8.3      | 7.7   | 10.0       | 10.0     |
| 10.0    | 10.0     | 10.0     | 4.7      | 10.0     | 6.0     | 6.0    | 3.7      | 6.0   | 8.7        | 0.0      |
| 10.0    | 10.0     | 10.0     | 8.7      | 10.0     | 5.3     | 3.3    | 5.0      | 6.0   | 5.3        | 3.3      |
| 6.3     | 8.0      | 9.3      | 8.3      | 10.0     | 8.3     | 8.0    | 8.0      | 10.0  | 2.7        | 7.3      |
| 3.3     | 7.0      | 3.7      | 3.7      | 5.0      | 7.0     | 5.7    | 7.7      | 8.3   | 9.0        | 7.3      |
| 3.3     | 5.7      | 7.3      | 3.3      | 1.0      | 9.3     | 7.7    | 7.0      | 8.0   | 10.0       | 8.0      |
| 10.0    | 9.0      | 7.0      | 5.0      | 6.0      | 5.3     | 5.0    | 4.3      | 4.7   | 5.0        | —        |
| 10.0    | 10.0     | 10.0     | 5.7      | 10.0     | 1.0     | 0.0    | 1.7      | 1.0   | 1.3        | 1.0      |
| 10.0    | 10.0     | 6.7      | 8.3      | 10.0     | 2.3     | 1.7    | 0.0      | 3.0   | 1.7        | 1.3      |
| 3.3     | 2.3      | 0.0      | 0.7      | 0.7      | 6.7     | 7.0    | 8.3      | 8.0   | 7.0        | —        |
| 0.0     | 1.7      | 1.3      | 0.0      | 1.0      | 9.7     | 10.0   | 10.0     | 10.0  | 10.0       | 10.0     |
| 0.3     | 0.0      | 0.7      | 0.3      | 0.0      | 4.3     | 4.3    | 4.0      | 4.0   | 5.3        | 10.0     |
| 10.0    | 10.0     | 6.0      | 5.7      | 7.3      | 5.0     | 5.3    | 3.3      | 8.0   | 4.0        | 8.0      |
| 10.0    | 8.3      | 5.0      | 4.3      | 4.0      | 8.7     | 10.0   | 10.0     | 10.0  | 8.3        | 10.0     |
| 4.3     | 6.3      | 1.3      | 2.3      | 6.7      | 9.7     | 9.7    | 10.0     | 10.0  | 10.0       | 10.0     |
| 7.0     | 6.7      | 3.0      | 2.3      | 5.0      | 9.7     | 10.0   | 10.0     | 10.0  | 10.0       | 6.7      |
| 10.0    | 10.0     | 9.0      | 5.0      | 10.0     | 10.0    | 10.0   | 10.0     | 10.0  | 10.0       | 10.0     |
| 10.0    | 9.0      | 9.3      | 6.7      | 8.7      | 10.0    | 10.0   | 10.0     | 10.0  | 10.0       | 10.0     |
| 6.7     | 8.0      | 6.0      | 9.3      | 6.7      | 10.0    | 10.0   | 10.0     | 10.0  | 10.0       | 10.0     |
| 5.3     | 7.3      | 4.7      | 2.0      | 8.3      | 10.0    | 10.0   | 10.0     | 10.0  | 10.0       | 9.3      |
| 3.7     | 8.3      | 5.3      | 3.0      | 3.0      | 10.0    | 10.0   | 10.0     | 10.0  | 10.0       | 10.0     |
| 3.0     | 5.0      | 4.7      | 0.0      | 5.0      | 10.0    | 10.0   | 10.0     | 10.0  | 10.0       | 10.0     |
| 10.0    | 9.0      | 9.0      | 4.3      | 9.3      | 6.3     | 5.3    | 6.7      | 7.7   | 9.7        | —        |
| 6.0     | 6.3      | 6.0      | 4.3      | 7.0      | 10.0    | 8.7    | 10.0     | 10.0  | 9.3        | 8.7      |
| 4.7     | 7.0      | 4.3      | 3.0      | 7.3      | 8.7     | 8.3    | 10.0     | 8.3   | 9.7        | 5.3      |
| 8.0     | 5.7      | 4.7      | 1.0      | 7.3      | 6.0     | 6.0    | 7.3      | 5.3   | 2.7        | 5.3      |
| 5.0     | 5.0      | 3.7      | 3.0      | 7.0      | 7.7     | 7.3    | 7.0      | 7.7   | 8.0        | 2.7      |
| 5.7     | 4.0      | 2.7      | 1.0      | 3.3      | 7.7     | 6.0    | 6.7      | 6.7   | 5.7        | 6.0      |
| 10.0    | 9.0      | 6.3      | 5.7      | 10.0     | 9.3     | 10.0   | 10.0     | 9.7   | 10.0       | —        |
| 6.3     | 10.0     | 9.0      | 7.7      | 10.0     | —       | —      | —        | —     | —          | —        |
| 6.5     | 7.1      | 5.9      | 4.1      | 6.6      | 7.7     | 7.4    | 7.6      | 7.9   | 8.0        | 7.0      |



**rzenia nieba,**  
**dzienne.**

| Starawies | Maniów | Jarosław | Drohobycz | Lwów | Stanisławów | Złoczów | Brzeżany | Kołomyja | Tarnopol | Czortków |
|-----------|--------|----------|-----------|------|-------------|---------|----------|----------|----------|----------|
| 10°0      | 9°0    | 10°0     | 9°3       | 6°7  | 7°3         | 5°7     | 7°0      | 5°0      | 2°3      | 7°0      |
| 6°0       | 5°7    | 8°0      | 9°7       | 7°0  | 8°3         | 9°0     | 9°0      | 6°7      | 7°7      | 8°3      |
| 7°3       | 5°7    | 7°0      | 10°0      | 7°3  | 7°0         | 10°0    | 10°0     | 3°0      | 4°0      | 6°0      |
| 2°7       | 2°0    | 4°0      | 4°3       | 2°0  | 2°0         | 2°7     | 5°0      | 2°3      | 2°3      | 7°3      |
| 10°0      | 10°0   | 10°0     | 10°0      | 9°7  | 9°7         | 10°0    | 10°0     | 9°7      | 4°7      | 10°0     |
| 5°3       | 9°0    | 10°0     | 10°0      | 10°0 | 10°0        | 10°0    | 10°0     | 10°0     | 9°0      | 10°0     |
| 10°0      | 8°7    | 10°0     | 10°0      | 10°0 | 10°0        | 10°0    | 10°0     | 10°0     | 8°7      | 10°0     |
| 6°0       | 6°7    | 6°0      | 9°3       | 6°7  | 7°0         | 7°0     | 10°0     | 7°3      | 7°7      | 10°0     |
| 0°0       | 0°0    | 0°0      | 0°0       | 0°0  | 0°0         | 0°0     | 3°3      | 1°0      | 3°7      | 4°3      |
| 0°7       | 0°3    | 0°0      | 0°0       | 0°0  | 0°0         | 0°0     | 0°0      | 0°3      | 0°3      | 0°3      |
| 5°3       | 1°3    | 3°0      | 5°3       | 5°0  | 6°0         | 1°0     | 4°0      | 4°7      | 1°0      | 4°7      |
| 8°7       | 9°3    | 6°0      | 6°3       | 2°3  | 3°0         | 2°0     | 1°7      | 3°7      | 0°0      | 1°0      |
| 10°0      | 9°7    | 10°0     | 10°0      | 10°0 | 10°0        | 10°0    | 10°0     | 10°0     | 10°0     | 10°0     |
| 4°7       | 5°3    | 6°0      | 7°0       | 4°3  | 8°0         | 5°7     | 8°3      | 8°0      | 5°7      | 9°7      |
| 10°0      | 10°0   | 10°0     | 10°0      | 8°3  | 10°0        | 10°0    | 10°0     | 8°3      | 8°7      | 10°0     |
| 10°0      | 10°0   | 10°0     | 10°0      | 8°3  | 8°7         | 10°0    | 10°0     | 8°0      | 7°7      | 10°0     |
| 9°3       | 9°7    | 10°0     | 10°0      | 8°0  | 9°7         | 10°0    | 10°0     | 10°0     | 8°3      | 9°7      |
| 10°0      | 10°0   | 10°0     | 10°0      | 10°0 | 10°0        | 10°0    | 10°0     | 9°3      | 10°0     | 10°0     |
| 10°0      | 10°0   | 10°0     | 10°0      | 9°7  | 10°0        | 10°0    | 10°0     | 10°0     | 9°0      | 10°0     |
| 10°0      | 10°0   | 10°0     | 10°0      | 10°0 | 10°0        | 10°0    | 10°0     | 10°0     | 8°3      | 10°0     |
| 10°0      | 10°0   | 10°0     | 10°0      | 10°0 | 10°0        | 10°0    | 10°0     | 10°0     | 10°0     | 10°0     |
| 10°0      | 10°0   | 10°0     | 10°0      | 10°0 | 10°0        | 10°0    | 10°0     | 10°0     | 7°7      | 10°0     |
| 10°0      | 10°0   | 10°0     | 10°0      | 10°0 | 10°0        | 10°0    | 10°0     | 10°0     | 7°0      | 10°0     |
| 6°7       | 9°7    | 8°0      | 7°7       | 8°7  | 8°7         | 10°0    | 10°0     | 7°7      | 5°0      | 9°0      |
| 9°3       | 10°0   | 10°0     | 8°7       | 7°0  | 10°0        | 10°0    | 10°0     | 10°0     | 6°0      | 10°0     |
| 7°3       | 8°3    | 8°0      | 10°0      | 8°3  | 9°7         | 10°0    | 10°0     | 10°0     | 6°7      | 10°0     |
| 5°3       | 6°0    | 10°0     | 7°7       | 5°0  | 9°3         | 5°0     | 8°0      | 6°3      | 6°0      | 8°0      |
| 4°0       | 6°3    | 4°0      | 6°0       | 8°0  | 9°0         | 6°0     | 8°0      | 6°0      | 4°3      | 8°0      |
| 4°7       | 6°0    | 5°0      | 4°7       | 4°0  | 9°0         | 1°7     | 6°3      | 7°0      | 3°7      | 6°0      |
| 8°0       | 6°3    | 8°0      | 6°0       | 6°0  | 5°0         | 1°0     | 5°0      | 4°7      | 0°7      | 3°0      |
| 7°4       | 7°5    | 7°8      | 8°1       | 7°1  | 7°9         | 7°2     | 8°2      | 7°3      | 5°9      | 8°1      |

| Dzień          | Kraków | Poronin | Jodłownik | Bochnia | Ujście Jez | Krynica | Tarnów | Kolaczyce | Dobrzeczków | Rzeszów |
|----------------|--------|---------|-----------|---------|------------|---------|--------|-----------|-------------|---------|
| 1              | 9.7    | 7.0     | 8.3       | 8.3     | 10.0       | —       | 10.0   | 10.0      | 8.7         | 10.0    |
| 2              | 7.3    | 0.7     | 3.7       | 4.7     | 6.0        | —       | 7.0    | 6.0       | 6.7         | 6.3     |
| 3              | 5.7    | 5.0     | 5.0       | 3.0     | 4.3        | —       | 6.0    | 4.7       | 6.0         | 5.3     |
| 4              | 5.0    | 2.7     | 3.3       | 2.3     | 4.0        | —       | 3.3    | 4.3       | 1.3         | 4.3     |
| 5              | 9.7    | —       | 8.3       | 7.0     | 10.0       | 10.0    | 9.7    | 9.0       | 8.7         | 10.0    |
| 6              | 9.0    | 8.7     | 8.3       | 3.7     | 2.0        | 6.7     | 3.3    | 6.0       | 6.0         | 6.7     |
| 7              | 10.0   | 10.0    | 8.7       | 7.3     | 8.0        | 10.0    | 7.0    | 10.0      | 10.0        | 7.3     |
| 8              | 5.7    | 6.0     | 5.7       | 6.7     | 3.0        | 5.0     | 4.7    | 2.3       | 4.7         | 5.0     |
| 9              | 1.7    | 0.0     | 0.3       | 0.0     | 0.7        | 5.0     | 1.0    | 0.3       | 0.0         | 0.0     |
| 10             | 1.3    | 0.0     | 1.0       | 1.7     | 1.3        | 3.3     | 2.0    | 0.7       | 0.0         | 1.3     |
| 11             | 8.0    | 6.0     | 4.3       | 0.0     | 2.0        | 5.0     | 3.0    | 5.0       | 4.7         | 5.0     |
| 12             | 10.0   | 10.0    | —         | 10.0    | 10.0       | 10.0    | 10.0   | 10.0      | 8.7         | 7.7     |
| 13             | 4.7    | 6.7     | 4.7       | 5.3     | 4.3        | 8.3     | 7.0    | 7.3       | 10.0        | 8.3     |
| 14             | 6.0    | 10.0    | 6.0       | 3.7     | 4.0        | 6.7     | 4.0    | 6.0       | 7.3         | 2.7     |
| 15             | 10.0   | 10.0    | —         | 9.3     | 10.0       | 10.0    | 10.0   | 9.7       | 9.3         | 10.0    |
| 16             | 10.0   | 6.7     | 10.0      | 10.0    | 10.0       | 10.0    | 10.0   | 10.0      | 10.0        | 10.0    |
| 17             | 10.0   | 10.0    | 10.0      | 10.0    | 10.0       | 10.0    | 10.0   | 10.0      | 9.3         | 10.0    |
| 18             | 10.0   | 10.0    | 10.0      | 10.0    | 10.0       | 10.0    | 10.0   | 10.0      | 10.0        | 10.0    |
| 19             | 10.0   | 10.0    | 10.0      | 10.0    | 10.0       | 10.0    | 9.0    | 10.0      | 10.0        | 10.0    |
| 20             | 10.0   | 10.0    | 10.0      | 9.7     | 10.0       | 8.3     | 10.0   | 10.0      | 10.0        | 9.3     |
| 21             | 10.0   | 10.0    | 10.0      | 10.0    | 10.0       | 10.0    | 10.0   | 10.0      | 10.0        | 10.0    |
| 22             | 10.0   | 10.0    | 10.0      | 10.0    | 10.0       | 10.0    | 10.0   | 10.0      | 10.0        | 10.0    |
| 23             | 10.0   | 9.3     | 10.0      | 10.0    | 10.0       | 10.0    | 10.0   | 10.0      | 9.7         | 10.0    |
| 24             | 10.0   | 7.7     | 6.7       | 8.7     | 10.0       | 5.0     | 9.7    | 8.7       | 9.3         | 10.0    |
| 25             | 10.0   | 10.0    | —         | 8.7     | 10.0       | 6.7     | 10.0   | 9.7       | 10.0        | 10.0    |
| 26             | 9.3    | 10.0    | 10.0      | 10.0    | 10.0       | 8.3     | 10.0   | 9.7       | 9.3         | 8.7     |
| 27             | 6.3    | 5.0     | 6.7       | 5.3     | 7.0        | 3.3     | 7.0    | 6.3       | 6.7         | 7.0     |
| 28             | 9.3    | 6.0     | 8.7       | 5.0     | 6.0        | 6.7     | 7.0    | 5.7       | 3.3         | 3.0     |
| 29             | 6.7    | 8.7     | 5.3       | 3.3     | 6.0        | 6.7     | 5.7    | 3.3       | 3.0         | 4.3     |
| 30             | 10.0   | 10.0    | 9.3       | 8.0     | 8.3        | 6.7     | 8.0    | 7.3       | 7.3         | 9.0     |
| Sred.<br>mies. | 8.2    | 7.5     | 7.2       | 6.7     | 7.2        | 7.8     | 7.5    | 7.4       | 7.3         | 7.4     |



## Stan zachmu-

Średnie

Maj 1877 roku.

| Dzień          | Bielsko | Żywiec | Wadowice | Sucha | Czernichów | Zakopane | Kraków | Poronin | Jodłownik | Bochnia |
|----------------|---------|--------|----------|-------|------------|----------|--------|---------|-----------|---------|
| 1              | 10'0    | 10'0   | 8'0      | 10'0  | 10'0       | 10'0     | 10'0   | 10'0    | 10'0      | 7'7     |
| 2              | 5'0     | 7'3    | 3'3      | 8'7   | 6'3        | 0'0      | 9'3    | 10'0    | 7'7       | 5'7     |
| 3              | 6'3     | 1'3    | 6'0      | 4'0   | 4'7        | 4'0      | 3'0    | 9'3     | 3'7       | 3'3     |
| 4              | 6'3     | 6'0    | 8'3      | 4'7   | 6'3        | 3'3      | 6'3    | 8'3     | —         | 7'7     |
| 5              | 9'3     | 10'0   | 10'0     | 9'3   | 9'3        | —        | 9'7    | 10'0    | —         | 10'0    |
| 6              | 9'3     | 10'0   | 10'0     | 10'0  | 9'7        | 6'7      | 10'0   | 10'0    | —         | 10'0    |
| 7              | 4'7     | 4'3    | 7'3      | 4'0   | 3'0        | 0'0      | 5'3    | 3'3     | —         | 2'3     |
| 8              | 7'3     | 8'7    | 7'3      | 8'7   | 4'3        | 4'0      | 5'7    | 9'3     | —         | 5'7     |
| 9              | 9'7     | 10'0   | 10'0     | 10'0  | 10'0       | 7'3      | 8'7    | 8'3     | 7'0       | 10'0    |
| 10             | 8'0     | 10'0   | 9'3      | 9'3   | 9'0        | 3'3      | 8'7    | 8'3     | 6'3       | 5'3     |
| 11             | 5'0     | 7'7    | 7'7      | 8'0   | 5'7        | —        | 7'7    | 7'7     | 6'7       | 6'0     |
| 12             | 7'0     | —      | 4'7      | 7'3   | 7'7        | 0'0      | 8'0    | 8'3     | 9'7       | 5'7     |
| 13             | 3'0     | —      | 4'0      | 4'0   | 2'7        | 2'7      | 3'7    | 4'3     | 3'0       | 3'7     |
| 14             | 6'7     | —      | 10'0     | 5'7   | 5'7        | 3'3      | 4'7    | 5'0     | 5'0       | 6'7     |
| 15             | 7'3     | —      | 9'3      | 6'0   | 8'7        | 6'0      | 8'0    | 9'3     | 5'3       | 4'3     |
| 16             | 10'0    | 10'0   | 10'0     | 10'0  | 10'0       | 10'0     | 10'0   | 10'0    | 10'0      | 9'3     |
| 17             | 10'0    | 10'0   | 10'0     | 10'0  | 10'0       | 10'0     | 10'0   | 10'0    | 10'0      | 10'0    |
| 18             | 6'3     | 10'0   | 9'3      | 8'3   | 8'7        | 10'0     | 9'7    | 10'0    | 9'0       | 9'3     |
| 19             | 10'0    | 10'0   | 10'0     | 10'0  | 10'0       | 10'0     | 10'0   | 10'0    | 10'0      | 10'0    |
| 20             | 10'0    | 10'0   | 10'0     | 10'0  | 10'0       | —        | 10'0   | 10'0    | 9'7       | 10'0    |
| 21             | 10'0    | 10'0   | 10'0     | 10'0  | 10'0       | —        | 10'0   | 10'0    | 10'0      | 10'0    |
| 22             | 10'0    | 10'0   | 10'0     | 10'0  | 10'0       | 10'0     | 10'0   | 10'0    | 10'0      | 10'0    |
| 23             | 10'0    | 10'0   | 10'0     | 10'0  | 10'0       | 10'0     | 10'0   | 10'0    | 10'0      | 10'0    |
| 24             | 10'0    | 10'0   | 10'0     | 10'0  | 10'0       | 4'7      | 10'0   | 10'0    | 10'0      | 10'0    |
| 25             | 5'3     | 5'0    | 8'0      | 4'3   | 5'0        | 5'3      | 7'7    | 10'0    | 4'3       | 3'0     |
| 26             | 3'0     | 3'7    | 1'0      | 3'3   | 2'7        | 4'7      | 4'3    | 1'0     | 3'0       | 1'7     |
| 27             | 7'3     | 7'0    | 8'3      | 6'0   | 8'3        | 0'0      | 8'0    | 6'7     | 6'0       | 4'3     |
| 28             | 3'3     | 1'7    | 1'0      | 1'7   | 1'3        | 0'0      | 4'3    | 1'7     | 2'3       | 1'0     |
| 29             | 3'3     | 2'3    | 2'7      | 1'7   | 3'0        | 5'3      | 2'7    | 1'7     | 0'7       | 1'7     |
| 30             | 7'3     | 7'0    | 5'3      | 6'7   | 6'7        | 3'7      | 8'0    | 7'7     | 7'7       | 2'0     |
| 31             | 8'3     | 5'0    | 5'3      | 6'0   | 9'3        | 0'0      | 5'7    | 7'7     | 9'7       | —       |
| Śred.<br>mies. | 7'4     | 7'7    | 7'6      | 7'3   | 7'4        | 5'0      | 7'7    | 8'0     | 7'2       | 6'5     |

## rzenia nieba,

dziennie.

| Ujście Jez. | Krynica | Tarnów | Kolaczyce | Dobrzeczków | Rzeszów | Starawieś | Maniów | Jarosław | Drohobycz | Lwów |
|-------------|---------|--------|-----------|-------------|---------|-----------|--------|----------|-----------|------|
| 10'0        | 10'0    | 10'0   | 10'0      | 10'0        | 10'0    | 10'0      | 10'0   | 10'0     | 10'0      | 8'0  |
| 7'0         | 8'3     | 7'3    | 10'0      | 10'0        | 10'0    | 10'0      | 10'0   | 10'0     | 10'0      | 9'3  |
| 2'0         | 6'7     | 5'0    | 5'3       | 3'3         | 3'7     | 6'7       | 6'0    | 9'0      | 9'0       | 8'0  |
| 5'0         | 8'3     | 4'7    | 3'7       | 2'7         | 3'0     | 4'7       | 5'3    | 3'0      | 7'3       | 6'0  |
| 9'0         | 10'0    | 9'7    | 10'0      | 10'0        | 8'0     | 10'0      | 10'0   | 10'0     | 10'0      | 10'0 |
| 10'0        | 8'3     | 10'0   | 6'7       | 10'0        | 9'3     | 10'0      | 9'0    | 10'0     | 8'3       | 9'7  |
| 5'0         | 3'3     | 3'7    | 1'7       | 4'0         | 3'3     | 4'0       | 1'7    | 2'0      | 2'7       | 3'7  |
| 3'7         | 5'0     | 3'7    | 3'3       | 2'0         | 1'7     | 5'3       | 4'3    | 5'0      | 4'0       | 4'0  |
| 8'0         | 8'3     | 7'7    | 6'7       | 9'3         | 7'0     | 8'0       | 8'3    | 8'0      | 7'3       | 7'3  |
| 9'7         | 5'0     | 7'3    | 7'7       | 6'0         | 6'0     | 8'7       | 7'7    | 6'0      | 7'3       | 6'3  |
| 7'0         | 6'7     | 7'0    | 5'3       | 7'7         | 4'7     | 7'3       | 7'3    | 4'0      | 7'7       | 6'7  |
| 5'0         | 5'0     | 7'7    | 5'7       | 6'7         | 6'3     | 6'7       | 5'7    | 5'0      | 4'7       | 5'7  |
| 3'0         | 6'7     | 5'0    | 3'3       | 2'0         | 4'7     | 3'3       | 1'3    | 4'0      | 3'0       | 7'0  |
| 6'0         | 5'0     | 6'0    | 6'7       | 4'7         | 5'0     | 6'7       | 6'0    | 5'0      | 5'3       | 6'7  |
| 7'0         | 6'7     | 5'0    | 6'3       | 6'7         | 8'3     | 6'7       | 7'7    | 4'0      | 8'0       | 6'7  |
| 10'0        | 10'0    | 10'0   | 10'0      | 10'0        | 9'7     | 10'0      | 10'0   | 8'0      | 6'7       | 4'0  |
| 10'0        | 10'0    | 10'0   | 10'0      | 10'0        | 10'0    | 10'0      | 10'0   | 10'0     | 10'0      | 9'3  |
| 10'0        | 10'0    | 10'0   | 10'0      | 10'0        | 10'0    | 10'0      | 10'0   | 10'0     | 10'0      | 9'0  |
| 10'0        | 10'0    | 10'0   | 10'0      | 10'0        | 10'0    | 10'0      | 10'0   | 10'0     | 10'0      | 10'0 |
| 10'0        | 10'0    | 10'0   | 10'0      | 10'0        | 10'0    | 10'0      | 10'0   | 10'0     | 10'0      | 10'0 |
| 10'0        | 10'0    | 10'0   | 6'7       | 10'0        | 10'0    | 10'0      | 8'3    | 10'0     | 8'3       | 7'7  |
| 10'0        | 10'0    | 10'0   | 10'0      | 10'0        | 10'0    | 10'0      | 10'0   | 10'0     | 10'0      | 7'3  |
| 10'0        | 10'0    | 10'0   | 10'0      | 10'0        | 10'0    | 10'0      | 10'0   | 10'0     | 10'0      | 9'7  |
| 10'0        | 10'0    | 10'0   | 9'7       | 10'0        | 10'0    | 10'0      | 8'7    | 9'7      | 9'7       | 7'0  |
| 10'0        | 8'3     | 10'0   | 10'0      | 8'0         | 8'3     | 10'0      | 9'0    | 9'0      | 10'0      | 8'0  |
| 5'0         | 5'0     | 5'0    | 8'3       | 2'0         | 5'0     | 7'3       | 5'3    | 4'0      | 5'7       | 5'0  |
| 5'0         | 1'7     | 4'0    | 4'0       | 2'0         | 5'0     | 6'0       | 1'7    | 3'0      | 4'0       | 5'0  |
| 8'0         | 6'7     | 7'0    | 6'7       | 8'0         | 6'3     | 7'3       | 3'7    | 8'3      | 8'3       | 5'7  |
| 6'0         | 1'7     | 5'7    | 2'7       | 1'3         | 1'7     | 1'3       | 2'7    | 4'0      | 2'7       | 2'3  |
| 3'3         | 1'7     | 3'7    | 1'7       | 2'0         | 2'0     | 1'3       | 1'3    | 2'0      | 3'3       | 3'0  |
| 5'7         | 6'7     | 6'0    | 4'3       | 2'7         | —       | 6'7       | 8'7    | 3'0      | 4'7       | 5'0  |
| 8'0         | 5'0     | 8'7    | 7'3       | 6'0         | 8'0     | 7'3       | 7'7    | 6'0      | 4'7       | 7'3  |
| 7'4         | 7'1     | 7'4    | 6'9       | 6'7         | 6'9     | 7'6       | 7'1    | 6'8      | 7'2       | 6'7  |



Stan zachmu-  
Średnie

Maj 1877 r.

Czerwiec 1877 roku.

| Dzień          | Stanisławów | Złoczów | Brzeżany | Kołomyja | Tarnopol | Czortków | Bielsko | Żywiec | Wadowice | Sucha | Czerniechów |
|----------------|-------------|---------|----------|----------|----------|----------|---------|--------|----------|-------|-------------|
| 1              | 7·7         | 10·0    | 10·0     | 3·7      | 3·3      | 5·0      | 2·0     | —      | 0·0      | 0·3   | 0·7         |
| 2              | 10·0        | 10·0    | 10·0     | 10·0     | 9·7      | 10·0     | 6·7     | —      | 7·3      | 0·3   | 9·7         |
| 3              | 10·0        | 7·0     | 10·0     | 10·0     | 6·3      | 10·0     | 0·0     | —      | 0·0      | 3·3   | 0·0         |
| 4              | 7·0         | 5·3     | 5·7      | 3·0      | 2·3      | 3·0      | 1·0     | —      | 0·0      | 0·0   | 0·0         |
| 5              | 8·7         | 10·0    | 10·0     | 7·0      | 7·7      | 7·3      | 4·3     | —      | 0·0      | 1·3   | 0·7         |
| 6              | 8·7         | 10·0    | 9·0      | 7·7      | 6·7      | 8·7      | 0·0     | 2·3    | 0·0      | 1·7   | 1·7         |
| 7              | 6·3         | 1·3     | 5·7      | 7·0      | 3·7      | 4·0      | 7·0     | 5·0    | 6·0      | 6·7   | 3·0         |
| 8              | 4·3         | 1·3     | 6·3      | 3·0      | 0·7      | 2·7      | 2·0     | 2·3    | 0·7      | 1·3   | 1·0         |
| 9              | 10·0        | 10·0    | 9·0      | 9·7      | 8·0      | 10·0     | 3·3     | 3·3    | 0·0      | 1·7   | 4·3         |
| 10             | 8·7         | 10·0    | 9·0      | 5·3      | 6·7      | 7·3      | 1·7     | 0·0    | 0·0      | 0·7   | 1·7         |
| 11             | 6·7         | 8·0     | 8·0      | 4·7      | 3·0      | 6·0      | 3·3     | 0·0    | 0·0      | 0·0   | 1·3         |
| 12             | 5·7         | 2·3     | 5·0      | 3·3      | 5·0      | 4·0      | 3·3     | 0·7    | 0·0      | 0·0   | 2·0         |
| 13             | 3·7         | 2·7     | 5·0      | 4·7      | 1·3      | 2·3      | 5·3     | 6·0    | 6·0      | 5·7   | 6·3         |
| 14             | 5·7         | 6·7     | 4·0      | 0·0      | 2·7      | 6·3      | 7·7     | 6·3    | 8·0      | 8·7   | 6·7         |
| 15             | 9·3         | 7·0     | 7·0      | 4·7      | 5·3      | 8·0      | 6·0     | 3·7    | 4·3      | 4·3   | 8·0         |
| 16             | 3·3         | 0·7     | 3·3      | 2·3      | 1·7      | 0·3      | 5·3     | 4·7    | 6·0      | 8·3   | 8·0         |
| 17             | 9·0         | 6·0     | 7·3      | 8·0      | 1·3      | 2·0      | 1·3     | 0·7    | 0·7      | 5·0   | 2·0         |
| 18             | 9·7         | 7·0     | 8·0      | 7·7      | 3·0      | 10·0     | 2·0     | 1·0    | 0·0      | 1·0   | 1·7         |
| 19             | 10·0        | 10·0    | 5·0      | 9·3      | 4·7      | 9·3      | 0·0     | 0·7    | 0·0      | 0·0   | 0·7         |
| 20             | 6·7         | 4·7     | 6·7      | 6·3      | 3·3      | 8·0      | 1·3     | 1·7    | 1·7      | 0·7   | 1·3         |
| 21             | 9·0         | 8·0     | 7·0      | 7·0      | 5·0      | 9·3      | 3·7     | 2·7    | 0·0      | 3·3   | 1·7         |
| 22             | 10·0        | 10·0    | 10·0     | 10·0     | 7·3      | 10·0     | 6·0     | 4·3    | 1·0      | 6·7   | 6·3         |
| 23             | 8·3         | 7·3     | 8·0      | 9·3      | 6·0      | 10·0     | 6·3     | 1·7    | 0·7      | 7·0   | 5·7         |
| 24             | 10·0        | 10·0    | 10·0     | 10·0     | 8·3      | 10·0     | 8·3     | 9·7    | 1·7      | 8·0   | 9·0         |
| 25             | 7·3         | 1·3     | 5·0      | 8·3      | 2·0      | —        | 10·0    | 9·0    | 3·0      | 7·7   | 7·7         |
| 26             | 7·3         | 6·7     | 5·0      | 6·0      | 2·0      | —        | 2·7     | 3·3    | 0·0      | 2·0   | 2·0         |
| 27             | 3·7         | 2·0     | 5·0      | 4·0      | 3·3      | —        | 3·0     | 2·0    | 3·3      | 2·0   | 2·3         |
| 28             | 3·7         | 3·7     | 4·0      | 4·0      | 1·7      | —        | 9·0     | 8·7    | 8·7      | 9·0   | 9·3         |
| 29             | 2·3         | 3·3     | 2·3      | 2·0      | 1·3      | —        | 6·0     | 5·7    | 9·0      | 7·0   | 8·7         |
| 30             | 6·7         | 3·3     | 3·3      | 3·0      | 1·0      | —        | 2·7     | 1·3    | 2·3      | 1·0   | 1·3         |
| 31             | 8·3         | 7·0     | 7·3      | 5·7      | 3·7      | —        | —       | —      | —        | —     | —           |
| Śred.<br>mies. | 7·3         | 6·2     | 6·8      | 6·0      | 4·1      | 6·8      | 4·0     | 3·5    | 2·3      | 3·8   | 3·8         |

zenia nieba.  
dziennie.

| Zakopane | Kraków | Rabka | Poronin | Jodłownik | Bochnia | Ujście Jez. | Krynica | Tarnów | Kolaczyce | Dobrzeczów | Starawieś |
|----------|--------|-------|---------|-----------|---------|-------------|---------|--------|-----------|------------|-----------|
| 0·0      | 1·3    | —     | 0·0     | 1·0       | —       | 3·0         | 1·7     | 1·7    | 1·3       | 3·3        | 1·3       |
| 9·3      | 8·0    | —     | 10·0    | 9·3       | —       | 9·0         | 8·3     | 9·0    | 8·0       | 4·0        | 6·0       |
| 0·0      | 0·0    | —     | 0·0     | 0·7       | —       | 0·0         | 3·3     | 6·0    | 1·7       | 3·3        | 1·3       |
| 0·0      | 0·0    | —     | 0·0     | 0·3       | —       | 0·0         | 1·7     | 0·7    | 0·3       | 1·3        | 0·7       |
| 0·0      | 2·0    | —     | 1·7     | 1·7       | 0·3     | 2·0         | 3·3     | 3·7    | 0·7       | 1·3        | 1·3       |
| 1·3      | 2·7    | —     | 1·3     | 3·7       | 1·0     | 3·0         | 5·0     | 4·7    | 1·0       | 3·0        | 2·0       |
| 8·0      | 5·7    | —     | 9·3     | 5·7       | 2·0     | 3·0         | 6·7     | 4·7    | 6·0       | 2·0        | 2·0       |
| 0·7      | 0·7    | —     | 3·0     | 1·7       | 0·7     | 1·3         | 5·0     | 2·7    | 3·0       | 2·0        | 3·3       |
| 0·0      | 3·3    | —     | 5·0     | 4·3       | 2·3     | 4·3         | 6·7     | 4·7    | 4·7       | 4·0        | 3·3       |
| —        | 2·0    | —     | 5·0     | 2·0       | 0·7     | 2·0         | 5·0     | 5·0    | 4·0       | 0·7        | 2·7       |
| 0·0      | 1·3    | 0·7   | 0·0     | 0·3       | 0·0     | 1·0         | 1·7     | 2·3    | 1·0       | 0·3        | 0·0       |
| 0·0      | 1·7    | 0·7   | 1·7     | 0·7       | 1·0     | 0·7         | 5·0     | 1·3    | 0·3       | 0·3        | 0·0       |
| 9·3      | 6·7    | 6·3   | 6·7     | 7·7       | 7·7     | 6·0         | 6·7     | 7·7    | 6·7       | 7·0        | 6·0       |
| 7·3      | 6·7    | 7·0   | 3·0     | 8·3       | 3·7     | 6·3         | 8·3     | 6·7    | 5·3       | 3·0        | 6·7       |
| 5·3      | 6·3    | 6·3   | 6·7     | 4·7       | 1·7     | 3·0         | 5·0     | 6·3    | 5·7       | 3·3        | 2·7       |
| 6·7      | 5·0    | 5·3   | 5·3     | 6·7       | 7·0     | 5·0         | 5·0     | 5·0    | 2·3       | 2·0        | 3·3       |
| —        | 1·7    | 3·3   | 1·7     | 1·3       | 0·7     | 3·3         | 1·7     | 5·3    | 6·3       | 1·3        | 2·0       |
| 0·0      | 2·0    | 1·3   | 1·7     | 1·3       | 2·0     | 3·0         | 1·7     | 2·7    | 4·3       | 3·7        | 1·3       |
| 1·3      | 0·0    | 1·0   | 0·0     | 0·3       | 0·0     | 1·0         | 3·3     | 1·3    | 1·7       | 0·0        | 2·0       |
| 3·3      | 2·0    | 0·0   | 0·0     | 1·0       | 2·7     | 3·0         | 3·3     | 3·3    | 2·0       | 2·0        | 2·7       |
| 10·0     | 2·0    | 3·7   | 4·3     | 3·7       | 1·0     | 0·7         | 3·3     | 2·3    | 1·3       | 1·7        | 1·3       |
| 8·0      | 5·0    | 6·3   | 5·3     | 5·0       | 3·3     | 2·0         | 5·0     | 4·3    | 2·7       | 4·0        | 3·3       |
| 6·0      | 8·7    | 7·0   | 8·3     | 8·0       | 6·0     | 7·0         | 6·7     | 8·3    | 8·0       | 8·7        | 6·0       |
| 0·0      | 8·7    | 10·0  | 9·3     | 10·0      | 9·3     | 8·0         | 10·0    | 10·0   | 7·3       | 10·0       | 10·0      |
| 4·7      | 9·7    | 7·7   | 10·0    | 7·3       | 7·0     | 7·0         | 8·3     | 8·7    | 8·7       | 10·0       | 10·0      |
| 3·3      | 1·7    | 2·0   | 5·0     | 2·7       | 1·0     | 2·0         | 3·3     | 4·0    | 5·7       | 6·0        | 6·0       |
| 0·0      | 3·0    | 1·7   | 0·7     | 2·3       | 2·0     | 1·0         | 3·3     | 3·0    | 3·3       | 0·7        | 1·3       |
| 9·3      | 10·0   | 7·7   | 7·3     | 6·3       | 5·0     | 3·0         | 6·7     | 6·7    | 6·3       | 4·0        | 6·0       |
| —        | 7·7    | —     | 10·0    | 8·7       | 6·0     | 6·7         | 6·7     | 8·0    | 8·0       | 10·0       | 9·3       |
| 1·3      | 4·3    | —     | 2·7     | 3·7       | 1·7     | 2·0         | 5·0     | 3·3    | 3·7       | 1·0        | 3·3       |
| 3·5      | 4·0    | 4·3   | 4·2     | 4·0       | 2·9     | 3·3         | 4·9     | 4·8    | 4·0       | 3·5        | 3·6       |



Stan zachmu-  
Średnie

Czerwiec 1877 r.

| Dzien          | Maniów | Jarosław | Drohobycz | Lwów | Stanisławów | Złoczów | Brzeżany | Kolomyja | Tarnopol | Czortków |
|----------------|--------|----------|-----------|------|-------------|---------|----------|----------|----------|----------|
| 1              | 3'0    | 3'0      | 1'7       | 2'7  | 5'0         | 3'7     | 2'3      | 6'0      | 1'3      | 3'0      |
| 2              | 6'3    | 3'0      | 3'0       | 5'0  | 4'7         | 4'7     | 2'0      | 1'3      | 0'7      | 1'7      |
| 3              | 5'7    | 3'0      | 4'0       | 1'7  | 2'0         | 3'3     | 2'3      | 1'0      | 0'0      | 0'3      |
| 4              | 0'7    | 0'0      | 0'7       | 0'3  | 0'0         | 0'3     | 0'0      | 0'0      | 0'0      | 0'0      |
| 5              | 0'7    | 0'0      | 0'0       | 0'7  | 0'0         | 0'0     | 0'0      | 0'0      | 0'0      | 0'0      |
| 6              | 0'7    | 0'0      | 1'0       | 1'7  | 0'7         | 1'3     | 1'0      | 0'0      | 0'0      | 0'3      |
| 7              | 3'0    | 0'0      | 5'0       | 3'3  | 1'7         | 0'7     | 2'0      | 0'0      | 0'0      | 0'0      |
| 8              | 3'3    | 1'0      | 7'3       | 5'7  | 5'0         | 5'3     | 4'0      | 0'0      | 1'0      | 5'0      |
| 9              | 4'3    | 2'0      | 1'7       | 3'0  | 5'3         | 3'0     | 5'0      | 1'0      | 3'7      | 6'7      |
| 10             | 2'7    | 2'0      | 4'3       | 3'7  | 3'3         | 3'3     | 2'3      | 2'7      | 2'3      | 4'0      |
| 11             | 0'0    | 0'0      | 0'0       | 0'0  | 0'0         | 0'3     | 0'0      | 0'0      | 0'0      | 0'0      |
| 12             | 0'3    | 0'0      | 0'3       | 1'3  | 1'0         | 0'0     | 0'0      | 0'0      | 0'7      | 0'7      |
| 13             | 4'0    | 5'0      | 2'7       | 3'3  | 4'0         | 3'7     | 2'0      | 1'0      | 2'0      | 3'7      |
| 14             | 5'7    | 5'0      | 7'7       | 8'0  | 8'3         | 10'0    | 10'0     | 6'7      | 5'0      | 7'0      |
| 15             | 5'0    | 3'0      | 3'3       | 4'7  | 5'3         | 6'0     | 5'0      | 4'0      | 2'3      | 9'3      |
| 16             | 4'0    | 3'0      | 4'3       | 4'3  | 6'0         | 4'0     | 4'0      | 4'7      | 2'0      | 3'7      |
| 17             | 5'0    | 3'0      | 3'3       | 3'3  | 6'0         | 4'7     | 4'0      | 4'7      | 2'3      | 6'0      |
| 18             | 5'0    | 3'0      | 5'3       | 6'3  | 7'0         | 5'0     | 7'0      | 3'7      | 2'0      | 2'0      |
| 19             | 3'3    | 1'0      | 2'3       | 3'3  | 3'0         | 4'0     | 3'3      | 4'0      | 2'3      | 5'0      |
| 20             | 2'7    | 4'0      | 0'3       | 5'3  | 4'3         | 5'0     | 3'0      | 2'0      | 1'7      | 1'3      |
| 21             | 3'3    | 4'0      | 3'0       | 4'0  | 5'7         | 6'7     | 9'0      | 3'3      | 3'3      | 6'3      |
| 22             | 2'7    | 0'0      | 1'0       | 5'3  | 1'7         | 0'0     | 3'3      | 0'0      | 0'3      | 0'7      |
| 23             | 5'3    | 3'0      | 5'3       | 6'0  | 7'3         | 6'7     | 5'0      | 5'7      | 2'7      | 4'7      |
| 24             | 9'7    | 6'0      | 8'0       | 8'7  | 8'7         | 10'0    | 7'0      | 4'7      | 4'0      | 7'0      |
| 25             | 10'0   | 10'0     | 8'0       | 7'7  | 9'3         | 8'0     | 9'0      | 7'0      | 5'7      | 10'0     |
| 26             | 9'3    | 10'0     | 10'0      | 9'0  | 10'0        | 10'0    | 10'0     | 8'7      | 6'3      | 10'0     |
| 27             | 2'3    | 6'0      | 4'7       | 5'0  | 7'0         | 6'0     | 7'3      | 5'3      | 4'0      | 5'0      |
| 28             | 6'0    | 6'0      | 4'0       | 7'0  | 5'7         | 3'7     | 5'0      | 3'0      | 2'7      | 4'3      |
| 29             | 7'0    | 7'0      | 6'0       | 6'7  | 8'7         | 9'0     | 7'0      | 5'3      | 6'7      | 9'7      |
| 30             | 3'3    | 6'0      | 6'0       | 6'3  | 8'0         | 7'0     | 5'7      | 6'7      | 3'0      | 9'7      |
| 31             |        |          |           |      |             |         |          |          |          |          |
| Śred.<br>mies. | 4'1    | 3'3      | 3'8       | 4'4  | 4'8         | 4'5     | 4'2      | 3'1      | 2'3      | 4'2      |

zienia niebu.  
dziennie.

Lipiec 1877 r.

| Bielsko | Żywiec | Wadowice | Susła | Czernichów | Zakopane | Kraków | Rabka | Poronin | Jodłownik | Bochnia |
|---------|--------|----------|-------|------------|----------|--------|-------|---------|-----------|---------|
| 1'0     | 0'7    | 0'7      | 0'3   | 0'7        | 2'0      | 2'0    | —     | 3'3     | 2'7       | 1'0     |
| 2'3     | 0'3    | 1'7      | 0'0   | 0'7        | 0'0      | 0'7    | 1'7   | 1'7     | 0'3       | 0'0     |
| 7'3     | 7'3    | 5'0      | 6'7   | 5'3        | 4'0      | 7'3    | 3'7   | 4'0     | 4'3       | 1'3     |
| 7'7     | 6'7    | 10'0     | 6'7   | 10'0       | 10'0     | 7'3    | 8'3   | 10'0    | 10'0      | 7'7     |
| 5'7     | 4'3    | 9'3      | 1'7   | 4'0        | 6'7      | 3'3    | 4'7   | 4'7     | 6'3       | 0'0     |
| 8'3     | 5'0    | 3'7      | 9'3   | 6'7        | 6'0      | 9'3    | 8'0   | 4'0     | 9'0       | 5'7     |
| 6'7     | 6'7    | 1'0      | 6'7   | 5'7        | 9'3      | 7'7    | 7'3   | 9'3     | 6'7       | 8'0     |
| 8'0     | 9'3    | 7'0      | 10'0  | 9'7        | 10'0     | 10'0   | 9'7   | 10'0    | 10'0      | 9'3     |
| 6'3     | 6'3    | 10'0     | 6'0   | 5'3        | 9'3      | 6'7    | 7'0   | 8'3     | 7'0       | 3'7     |
| 8'3     | 7'3    | 7'7      | 8'3   | 8'0        | 10'0     | 9'7    | 10'0  | 10'0    | 10'0      | 7'3     |
| 7'0     | 9'3    | 0'7      | 8'0   | 9'3        | 10'0     | 6'7    | 10'0  | 10'0    | 7'3       | 4'7     |
| 7'7     | 8'7    | 6'0      | 8'7   | 9'3        | 8'0      | 8'0    | 9'0   | 8'7     | 7'0       | 5'3     |
| 6'3     | 5'0    | 7'3      | 7'7   | 5'0        | 1'3      | 4'0    | 4'0   | 3'3     | 6'0       | 3'7     |
| 4'3     | 5'3    | 5'0      | 4'3   | 6'0        | 0'0      | 5'0    | 7'7   | 8'3     | 5'7       | 5'3     |
| 2'0     | 1'7    | 0'0      | 1'0   | 3'0        | 0'0      | 1'7    | 2'0   | 4'3     | 3'0       | 1'0     |
| 7'0     | 6'3    | 6'7      | 4'7   | 5'3        | 1'3      | 4'0    | 7'0   | 3'3     | 4'3       | 1'7     |
| 7'3     | 5'0    | 7'3      | 5'0   | 6'3        | 8'7      | 6'3    | 3'3   | 2'3     | 5'3       | 4'3     |
| 10'0    | 10'0   | 7'7      | 10'0  | 9'7        | 10'0     | 9'7    | 10'0  | 10'0    | 9'7       | 9'3     |
| 8'0     | 6'7    | 10'0     | 10'0  | 10'0       | 10'0     | 10'0   | —     | 10'0    | 10'0      | 10'0    |
| 4'0     | 3'0    | 6'3      | 7'3   | 6'3        | 9'3      | 8'3    | 7'0   | 10'0    | 6'7       | 5'0     |
| 4'0     | 6'0    | 8'0      | 6'7   | 5'7        | 6'7      | 5'0    | 8'0   | 10'0    | 6'0       | 5'0     |
| 7'0     | 4'0    | 7'3      | 9'0   | 5'7        | —        | 7'3    | 6'3   | 8'3     | 10'0      | 7'0     |
| 0'0     | 1'0    | 2'0      | 0'3   | 0'3        | 2'0      | 0'7    | 1'3   | 0'7     | 0'7       | 0'7     |
| 1'0     | 1'0    | 7'0      | 0'7   | 1'0        | 0'0      | 0'0    | 1'7   | 0'7     | 0'3       | 0'0     |
| 7'0     | 5'3    | 10'0     | 4'3   | 3'0        | —        | 3'7    | —     | 2'7     | 3'3       | 0'0     |
| 10'0    | 9'7    | 4'7      | 9'0   | 8'3        | 9'3      | 7'7    | 9'3   | 10'0    | 9'3       | 8'0     |
| 9'0     | 8'7    | 10'0     | 9'3   | 9'0        | 10'0     | 10'0   | 9'7   | 10'0    | 9'3       | 10'0    |
| 7'3     | 8'0    | 10'0     | 9'3   | 9'7        | —        | 10'0   | 8'7   | 10'0    | 10'0      | 6'7     |
| 4'0     | 5'0    | 9'3      | 5'7   | 4'0        | 0'0      | 6'7    | 7'3   | 10'0    | 3'3       | 1'7     |
| 7'0     | 10'0   | 6'7      | 10'0  | 8'3        | 3'3      | 6'7    | —     | 8'0     | 6'3       | 4'7     |
| 5'0     | 4'7    | 8'0      | 4'3   | 4'7        | 0'0      | 2'7    | 4'3   | 4'3     | 4'0       | 3'0     |
| 6'0     | 5'8    | 6'3      | 6'2   | 6'0        | 5'6      | 6'1    | 6'6   | 6'8     | 6'3       | 4'6     |



Stan zachmu-  
Średnie

Lipiec 1877 r.

| Dzień          | Ujście Jez. | Krynica | Tarnów | Kolaczyce | Dobrzeczków | Starawieś | Maniów | Jarosław | Drohobycz | Lwów |
|----------------|-------------|---------|--------|-----------|-------------|-----------|--------|----------|-----------|------|
| 1              | 1'0         | 5'0     | 4'0    | 5'0       | 3'3         | 5'7       | 4'7    | 0'0      | 2'3       | 3'3  |
| 2              | 0'0         | 3'3     | 1'0    | 1'7       | 0'3         | 0'0       | 0'7    | 0'0      | 0'7       | 1'0  |
| 3              | 2'0         | 1'7     | 4'3    | 0'7       | 0'7         | 0'0       | 0'0    | 0'0      | 0'7       | 0'0  |
| 4              | 8'0         | 10'0    | 9'7    | 8'0       | 7'0         | 6'7       | 6'7    | 6'0      | 6'7       | 4'7  |
| 5              | 2'0         | 1'7     | 2'0    | 4'0       | 1'0         | 2'7       | 2'0    | 4'0      | 1'0       | 5'3  |
| 6              | 6'0         | 5'0     | 6'3    | 5'0       | 3'7         | 4'7       | 3'3    | 2'0      | 3'0       | 1'7  |
| 7              | 7'0         | 6'7     | 7'0    | 6'3       | 7'3         | 7'3       | 6'0    | 6'0      | 7'3       | 7'0  |
| 8              | 10'0        | 10'0    | 9'7    | 10'0      | 8'7         | 8'7       | 10'0   | 8'0      | 9'7       | 9'3  |
| 9              | 4'0         | 8'3     | 7'3    | 6'7       | 10'0        | 8'0       | 6'7    | 6'0      | 10'0      | 9'0  |
| 10             | 9'0         | 10'0    | 9'3    | 7'7       | 10'0        | 6'7       | 5'7    | 8'0      | 6'0       | 2'7  |
| 11             | 6'0         | 8'3     | 8'7    | 6'0       | 6'7         | 6'7       | 8'0    | 8'0      | 4'3       | 8'0  |
| 12             | 7'0         | 6'7     | 8'3    | 7'3       | 4'0         | 8'3       | 6'3    | 4'0      | 6'0       | 6'3  |
| 13             | 1'0         | 10'0    | 4'0    | 3'3       | 1'3         | 0'7       | 2'0    | 0'0      | 2'3       | 4'0  |
| 14             | 4'0         | 8'3     | 6'3    | 6'3       | 2'3         | 6'0       | 2'3    | 0'0      | 3'7       | 4'0  |
| 15             | 3'0         | 5'0     | 2'7    | 3'3       | 2'0         | 2'0       | 2'0    | 1'0      | 1'7       | 4'0  |
| 16             | 4'0         | 6'7     | 6'3    | 5'7       | 6'0         | 4'7       | 5'3    | 3'0      | 9'0       | 5'7  |
| 17             | 4'0         | 8'3     | 5'7    | 6'0       | 4'7         | 6'7       | 7'3    | 7'7      | 6'7       | 5'0  |
| 18             | 8'7         | 10'0    | 9'3    | 10'0      | 10'0        | 10'0      | 9'3    | 7'0      | 7'7       | 7'7  |
| 19             | 10'0        | 8'3     | 10'0   | 6'7       | 10'0        | 10'0      | 10'0   | 8'3      | 9'3       | 8'7  |
| 20             | 6'0         | 6'7     | 6'0    | 5'3       | 5'3         | 7'3       | 8'3    | 7'0      | 7'7       | 9'0  |
| 21             | 6'0         | 5'0     | 8'0    | 6'7       | 6'0         | 7'3       | 7'0    | 8'0      | 6'7       | 4'3  |
| 22             | 6'0         | 5'0     | 6'7    | 5'3       | 5'3         | 6'0       | 5'0    | 5'0      | 5'0       | 5'0  |
| 23             | 1'0         | 3'3     | 2'0    | 1'3       | 2'3         | 4'7       | 4'7    | 5'0      | 0'7       | 3'0  |
| 24             | 0'0         | 1'7     | 1'3    | 0'3       | 0'3         | 0'7       | 1'0    | 0'0      | 0'0       | 1'3  |
| 25             | 0'0         | 3'3     | —      | 2'7       | 0'3         | 2'7       | 3'0    | 0'0      | 2'3       | 0'0  |
| 26             | 10'0        | 8'3     | —      | 7'3       | 7'3         | 5'7       | 9'0    | 8'0      | 7'7       | 9'3  |
| 27             | 10'0        | 10'0    | —      | 10'0      | 10'0        | 10'0      | 10'0   | 10'0     | 10'0      | 10'0 |
| 28             | 9'0         | 8'3     | —      | 10'0      | 10'0        | 10'0      | 10'0   | 10'0     | 10'0      | 10'0 |
| 29             | 3'0         | 6'7     | —      | 5'3       | 2'3         | 6'7       | 7'3    | 7'0      | 10'0      | 9'3  |
| 30             | 9'0         | 5'0     | —      | 7'3       | 4'0         | 7'3       | 7'3    | 4'0      | 7'7       | 5'3  |
| 31             | 4'0         | 3'3     | —      | 5'0       | 1'3         | 4'0       | 6'0    | 0'0      | 2'3       | 6'7  |
| Śred.<br>mies. | 5'2         | 6'4     | 6'1    | 5'7       | 4'9         | 5'7       | 5'7    | 4'6      | 5'4       | 5'5  |

zenia nieba.  
dziennie.

Sierpień 1877 r.

| Stanisławów | Złoczów | Brzeżany | Kołomyja | Tarnopol | Czortków | Bielsko | Żywiec | Wadowice | Sucha | Czernichów |
|-------------|---------|----------|----------|----------|----------|---------|--------|----------|-------|------------|
| 3'0         | 0'0     | 0'7      | 2'0      | 0'0      | 0'0      | 2'7     | 0'0    | 0'3      | 1'3   | 0'0        |
| 0'3         | 0'0     | 0'0      | —        | 0'0      | 0'0      | 9'3     | 10'0   | 8'7      | 7'7   | 9'3        |
| 0'3         | 0'0     | 0'0      | —        | 0'0      | 0'0      | 4'7     | 6'7    | 6'7      | 6'0   | 6'7        |
| 3'3         | 3'3     | 3'3      | —        | 1'0      | 1'0      | 6'0     | 6'7    | 8'3      | 7'0   | 0'7        |
| 5'3         | 4'7     | 4'0      | —        | 2'0      | 5'0      | 3'0     | 3'3    | 2'0      | 6'3   | 5'3        |
| 2'3         | 0'3     | 2'3      | —        | 0'0      | 1'3      | 3'0     | 3'3    | 0'3      | 5'0   | 2'7        |
| 8'0         | 5'0     | 4'0      | —        | 2'0      | 3'0      | 2'3     | 1'7    | 0'0      | 3'3   | 2'0        |
| 9'3         | 10'0    | 9'0      | —        | 4'7      | 8'0      | 0'0     | 1'3    | 0'3      | 0'0   | 0'0        |
| 10'0        | 8'7     | 9'0      | 5'7      | 5'0      | 10'0     | 1'3     | 0'7    | 0'3      | 1'0   | 2'7        |
| 5'7         | 2'0     | 3'0      | 4'7      | 1'0      | 2'7      | 8'0     | 6'7    | 10'0     | 9'0   | 9'7        |
| 7'3         | 0'0     | 6'7      | 5'7      | 6'3      | 7'0      | 2'0     | —      | 1'3      | 4'7   | 6'3        |
| 6'7         | 8'0     | 5'0      | 5'0      | 4'7      | 6'0      | 7'3     | —      | 6'7      | 5'3   | 7'7        |
| 2'0         | 2'0     | 1'3      | 3'3      | 2'0      | 2'3      | 10'0    | —      | 5'3      | 9'3   | 8'7        |
| 2'0         | 1'3     | 0'7      | 2'7      | 0'3      | 0'7      | 3'3     | —      | 8'0      | 5'0   | 4'7        |
| 6'0         | 4'0     | 2'3      | 2'7      | 1'3      | 4'3      | 2'7     | —      | 7'7      | 6'7   | 7'3        |
| 5'7         | 3'0     | 3'3      | 3'0      | 0'0      | 2'0      | 4'7     | —      | 3'3      | 8'3   | 7'3        |
| 7'0         | 5'0     | 6'3      | 4'0      | 3'7      | 6'7      | 7'7     | —      | 8'0      | 9'0   | 7'7        |
| 6'3         | 6'7     | 6'3      | 4'7      | 4'0      | 8'0      | 6'7     | —      | 5'7      | 7'0   | 3'3        |
| 8'7         | 10'0    | 10'0     | 6'0      | 8'3      | 6'3      | 5'0     | —      | 1'3      | 5'7   | 3'7        |
| 8'0         | 6'0     | 5'7      | 5'7      | 4'7      | 5'7      | 7'3     | —      | 0'7      | 5'0   | 7'7        |
| 7'7         | 5'0     | 4'7      | 7'0      | 3'3      | 7'0      | 6'0     | —      | 2'7      | 4'7   | 6'7        |
| 5'3         | 6'0     | 4'7      | 4'3      | 4'3      | 7'7      | 5'3     | 5'7    | 1'7      | 5'7   | 2'7        |
| 4'3         | 9'0     | 6'3      | 4'3      | 4'3      | 6'3      | 5'7     | 7'3    | 5'0      | 7'3   | 6'7        |
| 1'0         | 1'7     | 1'3      | 2'7      | 1'0      | 2'0      | 7'3     | 5'0    | 10'0     | 5'7   | 7'0        |
| 0'7         | 0'0     | 0'0      | 1'3      | 0'0      | 0'0      | 2'3     | 2'0    | 10'0     | 2'0   | 0'7        |
| 9'0         | 9'0     | 9'0      | 5'0      | 3'3      | 9'3      | 6'0     | 6'3    | 9'3      | 6'3   | 5'0        |
| 9'0         | 9'0     | 10'0     | 6'0      | 8'0      | 10'0     | 7'3     | 6'7    | 10'0     | 6'3   | 8'7        |
| 10'0        | 10'0    | 10'0     | 9'7      | 4'3      | 9'7      | 4'0     | 2'3    | 6'7      | 4'3   | 3'0        |
| 9'7         | 10'0    | 10'0     | 8'7      | 7'3      | 10'0     | 3'7     | 1'7    | 7'7      | 3'3   | 2'3        |
| 5'3         | 6'3     | 4'0      | —        | 2'7      | 2'0      | 3'3     | 2'3    | 10'0     | 4'3   | 2'0        |
| 5'0         | 6'7     | 4'0      | —        | 2'3      | 5'7      | 5'0     | 8'0    | 10'0     | 7'0   | 4'7        |
| 5'6         | 5'2     | 4'7      | 4'7      | 3'0      | 4'8      | 4'9     | 4'4    | 5'4      | 5'5   | 5'2        |



Stan zachmu-  
średnie

Sierpień 1877 roku.

| Dzień          | Zakopane | Kraków | Poronin | Jodłownik | Bochnia | Ujście Jez. | Krynica | Kolaczyce | Dobrzeczków | Starawieś |
|----------------|----------|--------|---------|-----------|---------|-------------|---------|-----------|-------------|-----------|
| 1              | 2·7      | 0·7    | 8·7     | 0·7       | 0·3     | 1·0         | 3·3     | 0·7       | 1·7         | 0·3       |
| 2              | 7·3      | 10·0   | 6·7     | 9·3       | 4·3     | 7·7         | 5·0     | 7·7       | 7·3         | 6·0       |
| 3              | 6·0      | 6·7    | 6·7     | 6·7       | 4·7     | 6·0         | 6·7     | 7·0       | 7·0         | 9·3       |
| 4              | 7·7      | 6·7    | 5·0     | 6·7       | 7·7     | 7·7         | 6·7     | 6·3       | 8·0         | 5·3       |
| 5              | —        | 3·7    | 3·3     | 4·7       | 3·3     | 6·3         | 3·3     | 5·3       | 4·7         | 4·7       |
| 6              | 0·0      | 3·3    | —       | 4·7       | 1·0     | 2·0         | 3·3     | 5·7       | 4·3         | 4·0       |
| 7              | 1·0      | 3·3    | —       | 3·0       | 0·3     | 1·0         | 3·3     | 2·0       | 0·0         | 0·7       |
| 8              | 1·3      | 0·0    | 1·0     | 0·3       | 0·0     | 0·0         | 1·7     | 0·3       | 0·0         | 0·0       |
| 9              | 0·0      | 2·3    | 1·0     | 2·7       | 0·0     | 0·7         | 1·7     | 0·7       | 1·7         | 1·3       |
| 10             | 10·0     | 10·0   | 1·7     | 10·0      | 8·3     | 9·7         | 5·0     | 6·7       | 6·7         | 5·3       |
| 11             | 9·3      | 6·3    | 8·3     | 6·7       | 5·7     | 8·0         | 10·0    | 4·7       | 7·7         | 7·3       |
| 12             | —        | 7·3    | 3·3     | 6·0       | 4·3     | 4·0         | 5·0     | 1·7       | 0·3         | 5·3       |
| 13             | 10·0     | 9·7    | —       | 6·3       | 2·7     | 2·7         | 3·3     | 3·3       | 0·0         | 2·3       |
| 14             | 6·0      | 3·7    | 4·0     | 4·0       | 2·0     | 4·0         | 5·0     | 3·7       | 0·0         | 4·0       |
| 15             | 4·7      | 9·0    | 4·0     | 8·7       | 4·7     | 3·3         | 3·3     | 2·7       | 0·7         | 4·0       |
| 16             | 4·7      | 7·3    | 8·3     | 6·7       | 5·7     | 8·0         | 6·7     | 6·3       | 7·7         | 4·3       |
| 17             | 0·0      | 8·7    | 6·7     | 8·3       | 5·7     | 7·3         | 6·7     | 8·0       | 4·0         | 8·7       |
| 18             | 1·3      | 5·3    | 6·0     | 3·7       | 3·7     | 3·3         | 5·0     | 5·0       | 2·7         | 6·3       |
| 19             | 2·7      | 8·0    | 6·0     | 7·7       | 3·0     | 5·3         | 6·7     | 3·7       | 0·0         | 6·0       |
| 20             | 1·3      | 7·3    | 1·7     | 7·0       | 2·7     | 5·3         | 6·7     | 8·7       | 6·7         | 9·3       |
| 21             | 2·7      | 4·3    | 0·7     | 3·3       | 1·7     | 5·3         | 5·0     | 4·7       | 7·0         | 6·0       |
| 22             | 1·3      | 5·7    | 5·0     | 2·3       | 2·3     | 2·0         | 3·3     | 3·3       | 5·7         | 5·3       |
| 23             | 6·7      | 7·7    | 8·3     | 7·0       | 5·3     | 6·7         | 6·7     | —         | 8·0         | 5·7       |
| 24             | 3·3      | 9·3    | 8·3     | 9·0       | 5·0     | 8·3         | 8·3     | 8·0       | 4·0         | 6·7       |
| 25             | 1·3      | 2·0    | 0·0     | 1·3       | 0·0     | 1·3         | 1·7     | 1·0       | 1·3         | 2·0       |
| 26             | 3·3      | 7·7    | 6·7     | 6·7       | 4·3     | 7·0         | 6·7     | 5·3       | 5·3         | 6·3       |
| 27             | 4·7      | 9·7    | —       | 6·3       | 3·0     | 6·0         | 5·0     | 5·0       | 1·0         | 6·0       |
| 28             | 0·0      | 4·0    | 4·0     | 4·0       | 4·0     | 5·3         | 3·3     | 5·7       | 1·0         | 6·0       |
| 29             | 3·3      | 3·7    | 3·3     | 2·7       | 2·0     | 2·7         | 3·3     | 5·0       | 0·0         | 3·3       |
| 30             | 1·3      | 4·3    | 3·3     | 3·7       | 1·0     | 2·7         | 5·0     | 2·7       | 6·0         | 2·7       |
| 31             | 2·0      | 6·7    | 4·0     | 7·0       | 8·7     | 6·0         | 5·0     | 6·0       | 7·0         | 6·0       |
| Sred.<br>mies. | 3·7      | 5·9    | 4·9     | 5·4       | 3·5     | 4·7         | 4·9     | 4·6       | 3·8         | 4·9       |

raenia nieba.  
dziennie.

| Maniów | Jarostaw | Drohobycz | Lwów | Stanisławów | Złoczów | Brzeżany | Kołomyja | Tarnopol | Czerków |  |
|--------|----------|-----------|------|-------------|---------|----------|----------|----------|---------|--|
| 2·0    | 6·0      | 0·0       | 1·0  | 1·7         | 0·0     | 0·0      | —        | 0·3      | 3·3     |  |
| 2·7    | 4·0      | 0·0       | 2·7  | 0·7         | 1·3     | 0·7      | —        | 1·0      | 0·3     |  |
| 8·7    | 8·0      | 10·0      | 9·7  | 8·3         | 7·7     | 6·3      | —        | 5·0      | 7·0     |  |
| 7·3    | 8·0      | 6·3       | 5·0  | 7·7         | 5·3     | 5·0      | —        | 4·0      | 9·7     |  |
| 5·3    | 7·0      | 6·3       | 4·3  | 4·7         | 2·0     | 1·7      | —        | 1·7      | 2·7     |  |
| 1·7    | 5·0      | 4·7       | 6·3  | 3·7         | 1·3     | 3·0      | 4·0      | 1·3      | 3·0     |  |
| 0·7    | 0·0      | 1·3       | 1·7  | 1·0         | 0·7     | 0·7      | 1·7      | 1·3      | 0·7     |  |
| 0·0    | 0·0      | 0·3       | 1·3  | 2·3         | 0·0     | 0·0      | 2·3      | 0·3      | 0·3     |  |
| 1·0    | 1·0      | 2·3       | 2·3  | 3·7         | 1·7     | 0·0      | 0·7      | 1·3      | 1·7     |  |
| 4·0    | 4·0      | 5·0       | 2·0  | 2·0         | 0·0     | 0·7      | 1·7      | 0·0      | 1·0     |  |
| 7·3    | 1·0      | 6·0       | 3·3  | 3·7         | 2·7     | 4·0      | 1·0      | 0·0      | 1·7     |  |
| 6·0    | 3·0      | 8·7       | 4·3  | 9·3         | 6·7     | 6·3      | 4·3      | 3·7      | 7·3     |  |
| 2·0    | 0·0      | 0·0       | 0·7  | 2·7         | 0·3     | 1·3      | —        | 2·0      | 1·3     |  |
| 2·3    | 0·0      | 2·3       | 1·0  | 3·0         | 0·0     | 1·7      | 2·7      | 0·7      | 1·0     |  |
| 3·0    | 0·0      | 0·3       | 0·0  | 0·0         | 0·0     | 0·0      | 0·0      | 0·0      | 0·0     |  |
| 4·7    | 3·0      | 2·3       | 0·7  | 1·3         | 3·3     | 0·0      | 1·3      | 1·0      | 0·3     |  |
| 5·7    | 3·0      | 9·0       | 4·7  | 6·0         | 6·0     | 1·3      | 4·3      | 3·0      | 4·7     |  |
| 5·3    | 6·0      | 4·7       | 4·7  | 6·3         | 6·7     | 8·3      | 5·7      | 4·0      | 8·3     |  |
| 3·3    | 6·0      | 4·7       | 3·0  | 2·0         | 3·7     | 1·7      | 3·7      | 1·3      | 3·0     |  |
| 7·3    | 8·0      | 8·0       | 6·3  | 8·0         | 6·3     | 10·0     | 2·3      | 4·3      | 10·0    |  |
| 7·0    | 6·0      | 3·0       | 3·3  | 4·7         | 4·0     | 5·0      | 4·7      | 2·0      | 1·7     |  |
| 6·7    | 5·0      | 8·0       | 6·0  | 5·0         | 9·0     | 10·0     | 0·3      | 3·7      | 5·0     |  |
| 3·7    | 6·0      | 4·0       | 6·0  | 1·0         | 7·0     | 1·3      | 0·3      | 2·3      | 0·0     |  |
| 7·3    | 8·0      | 6·7       | 6·7  | 8·7         | 6·0     | 9·7      | 6·7      | 4·3      | 10·0    |  |
| 1·7    | 1·0      | 4·0       | 1·7  | 8·0         | 0·3     | 3·0      | 7·0      | 0·0      | 6·0     |  |
| 6·3    | 0·0      | 6·0       | 3·3  | 5·7         | 5·3     | 4·0      | 3·3      | 4·7      | 8·0     |  |
| 5·3    | 7·0      | 8·7       | 4·7  | 7·3         | 2·7     | 6·7      | 5·0      | 3·7      | 7·0     |  |
| 4·0    | 7·0      | 7·3       | 8·7  | 4·0         | 8·0     | 5·0      | 2·7      | 4·3      | 6·0     |  |
| 1·7    | 1·0      | 2·3       | 2·0  | 1·3         | 4·0     | 1·7      | 1·7      | 0·3      | 0·7     |  |
| 1·3    | 1·0      | 1·3       | 5·0  | 4·0         | 4·0     | 4·0      | 2·3      | 5·7      | 3·0     |  |
| 1·7    | 3·0      | 4·3       | 5·7  | 3·7         | 4·0     | 4·0      | 2·3      | 2·3      | 2·3     |  |
| 4·1    | 3·6      | 4·4       | 3·8  | 4·2         | 3·5     | 3·5      | 2·9      | 2·2      | 3·8     |  |



Stan zachmu-  
Średnie

Wrzesień 1877 roku.

| Dzień          | Bielsko | Żywiec | Susła | Czernichów | Zakopane | Kraków | Poronin | Jodłownik | Bochnia | Ujście Jez. |
|----------------|---------|--------|-------|------------|----------|--------|---------|-----------|---------|-------------|
| 1              | 5·7     | 5·3    | 7·0   | 5·7        | 8·0      | 7·0    | 8·0     | 7·3       | 8·0     | 7·0         |
| 2              | 10·0    | 10·0   | 10·0  | 10·0       | —        | 10·0   | 10·0    | 10·0      | 6·7     | 9·7         |
| 3              | 6·3     | 6·7    | 6·3   | 7·0        | 10·0     | 8·7    | 10·0    | 6·7       | 5·3     | 7·0         |
| 4              | 6·3     | 6·7    | 6·0   | 8·7        | 6·7      | 6·7    | 7·3     | 6·3       | 6·0     | 6·3         |
| 5              | 4·7     | 6·7    | 6·0   | 6·0        | 6·7      | 3·3    | 8·7     | 7·0       | 3·0     | 4·0         |
| 6              | 0·7     | 1·3    | 2·0   | 0·7        | 0·0      | 3·0    | 0·0     | 4·0       | 3·7     | 2·7         |
| 7              | 7·0     | 6·3    | 4·0   | 3·7        | 2·0      | 3·0    | 6·7     | 5·7       | 4·3     | 5·0         |
| 8              | 6·7     | 10·0   | 4·7   | 5·7        | 7·7      | 5·3    | —       | 5·0       | 6·0     | 6·7         |
| 9              | 1·7     | 5·0    | 2·0   | 0·3        | 0·0      | 1·0    | 0·0     | 1·7       | 1·3     | 1·0         |
| 10             | 3·7     | 4·7    | 3·7   | 2·3        | 0·0      | 3·7    | 4·3     | 3·7       | 0·7     | 3·0         |
| 11             | 1·0     | 0·0    | 0·0   | 0·0        | 0·0      | 0·3    | 0·0     | 0·7       | 1·3     | 2·3         |
| 12             | 2·3     | 0·0    | 0·0   | 0·7        | 0·0      | 0·7    | 2·3     | 1·7       | 2·0     | 1·0         |
| 13             | 7·0     | 8·0    | 5·0   | 8·7        | 8·7      | 7·3    | 6·3     | 8·0       | 6·0     | 9·3         |
| 14             | 10·0    | 7·7    | 9·0   | 9·0        | 3·3      | 8·3    | 3·3     | 8·0       | 7·3     | 9·7         |
| 15             | 4·7     | 6·0    | 4·7   | 6·7        | 4·7      | 6·0    | 6·7     | 5·3       | 5·3     | 6·7         |
| 16             | 8·0     | 7·7    | 8·0   | 8·0        | 9·3      | 10·0   | 8·3     | 8·3       | 4·7     | 8·3         |
| 17             | 9·0     | 9·7    | 9·0   | 9·0        | 9·3      | 9·0    | —       | 9·3       | 7·7     | 9·7         |
| 18             | 9·3     | 6·7    | 6·7   | 7·7        | —        | 9·0    | 9·3     | 8·0       | 6·7     | 7·0         |
| 19             | 5·7     | 6·7    | 6·3   | 6·7        | 8·7      | 7·0    | 4·0     | 5·7       | 4·3     | 7·3         |
| 20             | 10·0    | 10·0   | 9·7   | 9·7        | 9·3      | 9·7    | 10·0    | 9·3       | 3·0     | 9·3         |
| 21             | 8·7     | 10·0   | 7·7   | 9·3        | —        | 9·3    | 9·3     | 5·3       | 3·0     | 5·7         |
| 22             | 9·3     | 10·0   | 10·0  | 10·0       | 10·0     | 10·0   | 10·0    | 10·0      | 6·0     | 10·0        |
| 23             | 3·0     | 5·7    | 4·7   | 6·0        | 6·7      | 6·3    | 6·7     | 5·3       | 5·0     | 5·0         |
| 24             | 7·3     | 6·7    | 6·3   | 8·0        | 2·7      | 6·7    | 2·7     | 6·0       | 4·3     | 7·0         |
| 25             | 10·0    | 10·0   | 10·0  | 6·7        | 9·3      | 10·0   | 5·7     | 5·3       | 4·7     | 4·3         |
| 26             | 8·7     | 6·0    | 9·3   | 8·3        | 4·7      | 8·3    | 10·0    | 8·3       | 4·3     | 5·0         |
| 27             | 1·3     | 1·0    | 1·7   | 1·3        | 8·0      | 7·0    | 2·3     | 4·0       | 4·0     | 4·7         |
| 28             | 10·0    | 8·3    | 10·0  | 10·0       | —        | 10·0   | 10·0    | 10·0      | 10·0    | 10·0        |
| 29             | 6·0     | 6·7    | 7·7   | 6·3        | —        | 10·0   | 0·0     | 6·3       | 8·0     | 10·0        |
| 30             | 7·0     | 5·0    | 9·7   | 10·0       | 10·0     | 10·0   | 10·0    | 9·3       | 9·3     | 7·7         |
| Śred.<br>mies. | 6·4     | 6·5    | 6·2   | 6·4        | 5·8      | 6·9    | 6·1     | 6·4       | 5·1     | 6·4         |

zienia nieba.  
dziennie.

| Krynica | Tarnów | Kolaczyce | Dobrzeczków | Starawiec | Maniów | Jarostaw | Drohobycz | Lwów | Stanisławów | Złoczów |
|---------|--------|-----------|-------------|-----------|--------|----------|-----------|------|-------------|---------|
| 8·3     | —      | 8·3       | 7·0         | 6·0       | 9·3    | 7·0      | 8·3       | 5·0  | 8·3         | 6·7     |
| 6·7     | —      | 9·7       | 5·7         | 6·0       | 6·0    | 5·0      | 10·0      | 7·7  | 9·7         | 8·7     |
| 8·3     | —      | 6·7       | 10·0        | 8·0       | 8·7    | 10·0     | 10·0      | 10·0 | 9·7         | 10·0    |
| 6·7     | —      | —         | 10·0        | 6·7       | 7·3    | 10·0     | 10·0      | 8·3  | 8·3         | 8·7     |
| 8·3     | —      | —         | 7·3         | 8·3       | 7·7    | 6·0      | 8·3       | 4·0  | 6·7         | 2·0     |
| 3·3     | —      | —         | 3·3         | 2·0       | 1·0    | 0·0      | 2·0       | 4·3  | 5·3         | 3·7     |
| 6·7     | —      | —         | 2·7         | 1·3       | 4·3    | 3·0      | 5·0       | 5·3  | 3·7         | 0·0     |
| 6·7     | —      | 5·3       | 7·0         | 5·3       | 7·3    | 6·0      | 8·0       | 7·7  | 8·0         | 8·7     |
| 1·7     | 1·0    | 1·3       | 2·7         | 2·0       | 1·7    | 0·0      | 2·3       | 4·3  | 2·0         | 1·3     |
| 5·0     | 1·7    | 2·7       | 4·7         | 1·3       | 3·7    | 0·0      | 1·0       | 6·0  | 5·0         | 0·7     |
| 3·3     | 3·0    | 7·3       | 3·7         | 4·7       | 4·3    | 5·0      | 8·0       | 8·0  | 6·0         | 6·7     |
| 3·3     | 1·0    | 2·3       | 0·3         | 1·3       | 0·7    | 2·0      | 2·0       | 4·0  | 4·3         | 3·7     |
| 5·0     | 6·0    | 7·3       | 6·0         | 6·7       | 5·3    | 6·0      | 7·3       | 7·0  | 4·0         | 4·7     |
| 8·3     | 4·7    | 8·7       | 9·3         | 8·0       | 8·7    | 9·0      | 8·0       | 9·3  | 8·3         | 10·0    |
| 6·7     | 5·7    | 6·7       | 9·3         | 8·7       | 8·0    | 8·0      | 8·0       | 10·0 | 7·3         | 6·7     |
| 6·7     | 5·3    | 8·7       | 8·0         | 8·0       | 6·0    | 7·0      | 7·7       | 8·3  | 7·7         | 5·7     |
| 10·0    | 6·7    | 10·0      | 9·7         | 10·0      | 10·0   | 9·0      | 10·0      | 10·0 | 8·7         | 10·0    |
| 10·0    | 6·7    | 6·7       | 10·0        | 10·0      | 9·7    | 8·0      | 9·7       | 10·0 | 9·0         | 10·0    |
| 5·0     | 3·3    | 7·0       | 6·0         | 6·0       | 6·7    | 7·0      | 8·0       | 6·7  | 4·7         | 6·0     |
| 6·7     | 6·3    | 9·0       | 5·3         | 7·3       | 6·7    | 9·0      | 8·0       | 8·0  | 4·3         | 6·3     |
| 6·7     | 2·7    | 6·3       | 6·7         | 6·0       | 6·0    | 7·0      | 6·0       | 6·3  | 4·7         | 9·0     |
| 10·0    | 8·7    | 9·7       | 10·0        | 10·0      | 9·7    | 10·0     | 10·0      | 10·0 | 9·7         | 10·0    |
| 5·0     | 5·0    | 6·3       | 4·7         | 6·7       | 7·0    | 10·0     | 9·7       | 8·0  | 10·0        | 10·0    |
| 6·7     | 3·3    | 5·0       | 3·3         | 3·3       | 4·0    | 3·0      | 2·0       | 4·3  | 6·0         | 1·3     |
| 8·3     | 3·7    | 7·7       | 10·0        | 8·7       | 8·3    | 8·0      | 10·0      | 7·7  | 8·7         | 10·0    |
| 10·0    | 5·7    | 6·7       | 7·3         | 8·0       | 9·3    | 7·0      | 7·3       | 8·7  | 6·0         | 6·0     |
| 3·3     | 2·3    | 3·7       | 2·3         | 2·0       | 4·0    | 3·0      | 3·0       | 5·3  | 4·3         | 1·3     |
| 10·0    | 6·7    | 9·7       | 9·3         | 10·0      | 10·0   | 8·0      | 10·0      | 9·7  | 9·3         | 10·0    |
| 5·0     | 7·3    | 9·3       | 7·3         | 10·0      | 6·7    | 10·0     | 9·0       | 9·0  | 2·0         | 6·7     |
| 10·0    | 6·3    | 10·0      | 7·3         | 10·0      | 8·3    | 10·0     | 10·0      | 9·3  | 10·0        | 3·3     |
| 6·7     | 4·7    | 7·0       | 6·5         | 6·4       | 6·5    | 6·4      | 7·3       | 7·4  | 6·7         | 6·3     |



## Stan zachmu-

Średnie

Wrzesień 1877 r. Październik 1877 roku.

| Dzień          | Brzeżany | Kolomyja | Tarnopol | Czortków | Bielsko | Żywiec | Wadowice | Sucha | Czernichów | Zakopane |
|----------------|----------|----------|----------|----------|---------|--------|----------|-------|------------|----------|
| 1              | 7'3      | 7'3      | 5'7      | 6'7      | 5'3     | 2'7    | 3'3      | 3'3   | 3'7        | 1'3      |
| 2              | 7'0      | 10'0     | 4'7      | 10'0     | 10'0    | 10'0   | 10'0     | 7'0   | 10'0       | 4'7      |
| 3              | 10'0     | 10'0     | 8'7      | 10'0     | 10'0    | 10'0   | 10'0     | 10'0  | 10'0       | 10'0     |
| 4              | 9'0      | 9'3      | 7'3      | 9'3      | 10'0    | 10'0   | 10'0     | 10'0  | 10'0       | —        |
| 5              | 5'0      | 9'7      | 3'3      | 7'3      | 8'3     | —      | 8'0      | 10'0  | 9'7        | 10'0     |
| 6              | 4'0      | 6'0      | 3'0      | 6'0      | 8'7     | —      | 9'3      | 10'0  | 9'3        | 10'0     |
| 7              | 3'0      | 4'7      | 2'3      | 6'0      | 1'3     | —      | 3'3      | 3'0   | 3'0        | 6'0      |
| 8              | 8'3      | —        | 5'0      | 7'0      | 9'7     | —      | 10'0     | 9'7   | 10'0       | —        |
| 9              | 1'7      | —        | 1'0      | 2'3      | 10'0    | —      | 10'0     | 9'7   | 9'3        | 10'0     |
| 10             | 3'0      | 1'7      | 0'7      | 1'0      | 9'3     | —      | 10'0     | 10'0  | 10'0       | 10'0     |
| 11             | 6'7      | —        | 3'7      | 7'0      | 7'3     | —      | 6'7      | 7'3   | 10'0       | 5'3      |
| 12             | 5'0      | —        | 3'7      | 4'0      | 5'0     | —      | 7'0      | 9'3   | 9'3        | 6'0      |
| 13             | 5'0      | 4'0      | 2'0      | 0'7      | 6'7     | —      | 7'3      | 7'0   | 7'7        | 7'3      |
| 14             | 10'0     | 5'0      | 5'7      | 9'7      | 2'7     | —      | 3'3      | 3'3   | 3'3        | 1'3      |
| 15             | 10'0     | 6'0      | 7'7      | 7'0      | 0'0     | —      | 0'0      | 0'0   | 0'0        | 0'0      |
| 16             | 10'0     | 5'3      | 4'7      | 8'0      | 7'7     | 7'7    | 6'7      | 6'7   | 9'7        | 5'3      |
| 17             | 10'0     | 6'3      | 6'7      | 6'0      | 5'3     | 8'0    | 8'7      | 8'0   | 6'7        | 8'7      |
| 18             | 10'0     | 10'0     | 8'3      | 9'7      | 5'3     | 6'7    | 9'3      | 6'7   | 5'0        | —        |
| 19             | 5'0      | 3'3      | 4'7      | 3'7      | 9'0     | 10'0   | 8'7      | 5'3   | 8'0        | 7'3      |
| 20             | 5'0      | 2'7      | 3'0      | 5'7      | 4'7     | 4'3    | 7'0      | 5'0   | 7'0        | 0'0      |
| 21             | 3'3      | 2'0      | 2'7      | 2'3      | 7'7     | 7'7    | 2'7      | 7'3   | 9'7        | 5'3      |
| 22             | 10'0     | 7'3      | 8'3      | 10'0     | 1'3     | 2'3    | 0'7      | 4'7   | 3'7        | 0'0      |
| 23             | 10'0     | 10'0     | 8'0      | 10'0     | 4'3     | 1'7    | 1'0      | 4'3   | 5'0        | 0'0      |
| 24             | 5'0      | 8'3      | 3'7      | 6'7      | 2'0     | 1'0    | 0'7      | 2'3   | 0'7        | 0'0      |
| 25             | 5'0      | 7'0      | 7'7      | 8'3      | 5'7     | 3'3    | 0'0      | 5'0   | 2'7        | 4'0      |
| 26             | 10'0     | 6'3      | 4'7      | 7'0      | 3'3     | 4'3    | 8'7      | 6'0   | 2'7        | —        |
| 27             | 1'7      | 6'0      | 1'0      | 3'7      | 9'7     | 9'7    | 7'3      | 8'7   | 7'7        | 10'0     |
| 28             | 10'0     | 7'0      | 8'0      | 10'0     | 7'0     | 8'3    | 6'0      | 9'0   | 10'0       | —        |
| 29             | 6'7      | 2'7      | 7'0      | 7'3      | 7'0     | 10'0   | 6'7      | 10'0  | 10'0       | 10'0     |
| 30             | 10'0     | 7'3      | 8'0      | 7'7      | 2'7     | 5'0    | 6'7      | 4'7   | 10'0       | 4'7      |
| 31             |          |          |          |          | 8'7     | 7'7    | 10'0     | 9'3   | 10'0       | 8'0      |
| Śred.<br>mies. | 6'9      | 6'4      | 5'0      | 6'7      | 6'3     | 6'5    | 6'4      | 6'9   | 7'2        | 5'6      |

## rzenia nieba.

dzienne.

| Kraków | Poronin | Jodłownik | Bochnia | Nowy Sącz | Uście Jez. | Krynica | Tarnów | Kolaczyce | Dobrzeczków | Rzeszów | Starawisz |
|--------|---------|-----------|---------|-----------|------------|---------|--------|-----------|-------------|---------|-----------|
| 5'0    | 2'7     | 3'7       | 4'0     | 3'3       | 2'7        | 3'3     | 1'0    | 6'0       | 6'0         | 1'7     | 2'7       |
| 10'0   | 10'0    | 8'3       | 9'3     | 8'3       | 7'7        | 8'3     | 3'7    | 9'0       | 5'3         | 10'0    | 9'3       |
| 10'0   | 10'0    | 10'0      | 10'0    | 10'0      | 10'0       | 10'0    | 10'0   | 10'0      | 10'0        | 10'0    | 10'0      |
| 10'0   | 10'0    | 10'0      | 10'0    | 10'0      | 10'0       | 10'0    | 9'3    | 10'0      | 10'0        | 10'0    | 10'0      |
| 10'0   | 10'0    | 10'0      | 9'0     | 10'0      | 9'3        | 10'0    | 0'7    | 9'7       | 10'0        | 10'0    | 10'0      |
| 8'7    | 10'0    | 10'0      | 9'0     | 10'0      | 9'3        | 10'0    | 0'7    | 9'7       | 10'0        | 10'0    | 10'0      |
| 6'0    | 6'7     | 10'0      | 5'7     | 9'7       | 3'7        | 8'3     | 2'7    | 6'3       | 8'0         | 4'0     | 6'7       |
| 0'0    | —       | 0'0       | 0'0     | 0'0       | 0'0        | 1'7     | 0'0    | 0'3       | 0'7         | 0'3     | 0'0       |
| 10'0   | 10'0    | 10'0      | 8'7     | 9'7       | 10'0       | 10'0    | 10'0   | 7'7       | 6'0         | 8'7     | 9'3       |
| 10'0   | 10'0    | 10'0      | 6'7     | 10'0      | 8'7        | 10'0    | 7'3    | 8'3       | 8'7         | 5'0     | 8'7       |
| 10'0   | 9'3     | 10'0      | 8'0     | 10'0      | 10'0       | 10'0    | 5'7    | 9'7       | 10'0        | 10'0    | 10'0      |
| 9'7    | 6'0     | 7'0       | 8'7     | 6'3       | 7'0        | 8'3     | 5'0    | 6'3       | 6'7         | 6'7     | 7'3       |
| 10'0   | 6'7     | 5'3       | 5'0     | 9'0       | 9'3        | 5'0     | 5'0    | 6'7       | 6'0         | 4'7     | 4'7       |
| 9'3    | 7'7     | 8'7       | 7'0     | 7'7       | 5'7        | 8'3     | 3'0    | 4'0       | 6'7         | 3'0     | 7'3       |
| 4'7    | 3'7     | 5'0       | 5'0     | 3'3       | 4'0        | 3'3     | 3'0    | 4'0       | 2'3         | 0'7     | 4'0       |
| 0'3    | 0'0     | 0'0       | 0'0     | 0'0       | 0'0        | 0'0     | 0'7    | 0'3       | 0'0         | 0'3     | 0'0       |
| 6'7    | 5'3     | 6'7       | 6'7     | 3'3       | 6'7        | 6'7     | 4'3    | 5'7       | 6'0         | 3'3     | 3'3       |
| 6'7    | 8'3     | 5'7       | 5'7     | 6'3       | 7'0        | 8'3     | 3'7    | 7'7       | 6'7         | 10'0    | 9'3       |
| 10'0   | 8'7     | 5'3       | 8'0     | 6'3       | 7'3        | 5'0     | 6'0    | 5'0       | 4'0         | 7'3     | 4'7       |
| 0'0    | 5'3     | 6'3       | 5'3     | 4'7       | 7'0        | 5'0     | 9'0    | 6'7       | 5'0         | 8'0     | 5'3       |
| 7'0    | 3'3     | 4'7       | 3'0     | 4'7       | 4'0        | 5'0     | 3'3    | 5'7       | 2'0         | 3'3     | 4'0       |
| 9'7    | 7'3     | 9'3       | 5'7     | 8'7       | 10'0       | 8'3     | 6'7    | 10'0      | 6'7         | 10'0    | 8'7       |
| 6'0    | 6'0     | 2'0       | 2'7     | 6'3       | 7'0        | 5'0     | 2'3    | 6'0       | 4'0         | 2'0     | 5'3       |
| 6'7    | 5'3     | 4'7       | 5'0     | 3'0       | 4'7        | 5'0     | 1'3    | 1'3       | 0'7         | 0'3     | 1'3       |
| 3'3    | 1'7     | 3'0       | 1'3     | 3'0       | 2'0        | 1'7     | 0'7    | 2'0       | 0'7         | 1'3     | 1'3       |
| 5'7    | 2'7     | 3'3       | 1'3     | 4'3       | 5'7        | 5'0     | 2'0    | 0'7       | 4'0         | 1'7     | 2'7       |
| 7'0    | 7'3     | 5'7       | 2'3     | 9'0       | 4'7        | 6'7     | 3'3    | 5'7       | 6'7         | 4'0     | 3'3       |
| 10'0   | 10'0    | 10'0      | 9'3     | 10'0      | 8'3        | 8'3     | 8'0    | 9'7       | 10'0        | 8'0     | 9'3       |
| 10'0   | 8'3     | 8'7       | 10'0    | 10'0      | 10'0       | 6'7     | 7'3    | 10'0      | 10'0        | 10'0    | 10'0      |
| 10'0   | 10'0    | 10'0      | 10'0    | 10'0      | 10'0       | 10'0    | 10'0   | 10'0      | 10'0        | 10'0    | 10'0      |
| 4'0    | 6'3     | 3'7       | 10'0    | 6'0       | 5'3        | 5'0     | 6'0    | 6'7       | 6'0         | 6'7     | 8'7       |
| 9'0    | 8'3     | 8'7       | 10'0    | 6'7       | 7'0        | 6'7     | 6'0    | 7'3       | 6'7         | 4'7     | 6'7       |
| 7'6    | 6'9     | 6'6       | 6'2     | 6'8       | 6'6        | 6'6     | 4'9    | 6'4       | 6'0         | 5'7     | 6'3       |



Stau zachmu-  
Średnie

Październik 1877 r.

| Dzień          | Maniów | Jarosław | Drohobycz | Lwów | Stanisławów | Złoczów | Brzeżany | Kołomyja | Tarnopol | Czortków |
|----------------|--------|----------|-----------|------|-------------|---------|----------|----------|----------|----------|
| 1              | 1'7    | 1'0      | 6'7       | 5'3  | 1'3         | 0'0     | 5'0      | 3'0      | 1'3      | 2'0      |
| 2              | 9'3    | 2'0      | 8'0       | 8'0  | 9'3         | 3'3     | 7'0      | 6'3      | 4'7      | 10'0     |
| 3              | 10'0   | 7'0      | 10'0      | 8'7  | 9'3         | 10'0    | 10'0     | 8'7      | 8'3      | 10'0     |
| 4              | 9'3    | 10'0     | 10'0      | 10'0 | 10'0        | 10'0    | 10'0     | 10'0     | 9'3      | 10'0     |
| 5              | 10'0   | 10'0     | 10'0      | 10'0 | 10'0        | 10'0    | 10'0     | 10'0     | 9'0      | 10'0     |
| 6              | 5'0    | 8'0      | 7'7       | 9'0  | 8'7         | 2'0     | 7'0      | 7'3      | 3'0      | 5'0      |
| 7              | 0'0    | 0'0      | 0'3       | 0'0  | 1'0         | 0'0     | 0'0      | 1'0      | 0'0      | 0'3      |
| 8              | 10'0   | 8'0      | 10'0      | 10'0 | 9'3         | 10'0    | 10'0     | 9'7      | 6'3      | 10'0     |
| 9              | 10'0   | 9'0      | 10'0      | 10'0 | 9'7         | 7'0     | 10'0     | 10'0     | 6'3      | 10'0     |
| 10             | 10'0   | 8'0      | 10'0      | 10'0 | 9'3         | 10'0    | 10'0     | 10'0     | 8'3      | 10'0     |
| 11             | 7'0    | 7'0      | 8'7       | 10'0 | 8'0         | 10'0    | 10'0     | 3'3      | 8'0      | 8'3      |
| 12             | 7'3    | 6'0      | 7'7       | 6'3  | 5'3         | 6'3     | 9'0      | 6'7      | 4'7      | 5'0      |
| 13             | 4'7    | 6'0      | 6'0       | 5'3  | 6'0         | 5'7     | 10'0     | 5'3      | 4'0      | 4'7      |
| 14             | 4'7    | 4'0      | 6'0       | 4'7  | 4'0         | 3'3     | 5'0      | 3'0      | 5'3      | 5'3      |
| 15             | 0'3    | 0'0      | 0'7       | 0'0  | 0'0         | 0'0     | 0'0      | 0'7      | 0'0      | 0'0      |
| 16             | 3'3    | 3'0      | 3'7       | 0'0  | 1'3         | 0'0     | 3'3      | 4'0      | 0'0      | 0'0      |
| 17             | 10'0   | 8'0      | 10'0      | 10'0 | 10'0        | 10'0    | 10'0     | 10'0     | 9'7      | 10'0     |
| 18             | 6'0    | 7'0      | 2'0       | 5'3  | 3'7         | 4'0     | 2'3      | 5'0      | 2'0      | 3'0      |
| 19             | 3'3    | 7'0      | 3'0       | 4'7  | 4'3         | 5'3     | 5'0      | 5'0      | 2'0      | 3'3      |
| 20             | 3'7    | 6'0      | 2'3       | 3'3  | 0'7         | 3'3     | 0'7      | 3'0      | 0'0      | 0'0      |
| 21             | 8'0    | 10'0     | 7'3       | 8'0  | 6'0         | 10'0    | 8'0      | 1'3      | 6'3      | 8'0      |
| 22             | 2'3    | 7'0      | 5'0       | 7'3  | 6'0         | 9'0     | 4'0      | 3'0      | 2'0      | 6'7      |
| 23             | 4'3    | 1'0      | 1'7       | 2'7  | 3'0         | 0'0     | 2'0      | 2'3      | 0'0      | 2'7      |
| 24             | 1'0    | 2'0      | 1'0       | 2'0  | 0'7         | 1'0     | 1'0      | 4'7      | 0'3      | 0'7      |
| 25             | 2'7    | 2'0      | 0'7       | 0'0  | 4'0         | 4'3     | 6'7      | 6'0      | 5'7      | 6'7      |
| 26             | 7'0    | 7'0      | 4'0       | 6'0  | 6'3         | 10'0    | 10'0     | 6'7      | 5'7      | 9'7      |
| 27             | 10'0   | 10'0     | 9'3       | 8'3  | 4'7         | 10'0    | 3'3      | 4'0      | 5'0      | 7'3      |
| 28             | 10'0   | 10'0     | 10'0      | 10'0 | 10'0        | 10'0    | 10'0     | 10'0     | 9'3      | 10'0     |
| 29             | 7'0    | 10'0     | 10'0      | 10'0 | 9'7         | 10'0    | 10'0     | 6'7      | 8'3      | 10'0     |
| 30             | 8'0    | 7'0      | 8'0       | 10'0 | 10'0        | 10'0    | 10'0     | 10'0     | 9'3      | 10'0     |
| 31             | 7'0    | 7'0      | 5'7       | 4'7  | 7'3         | 6'7     | 5'0      | 6'0      | 8'3      | 10'0     |
| Śred.<br>mies. | 6'2    | 6'1      | 6'3       | 6'4  | 6'1         | 6'2     | 6'6      | 5'9      | 4'9      | 6'4      |

zenia nieba.  
dzienne.

Listopad 1877 r.

| Bielsko | Żywiec | Wadowice | Sucha | Czernichów | Zakopane | Kraków | Poronin | Jodłownik | Bochnia |
|---------|--------|----------|-------|------------|----------|--------|---------|-----------|---------|
| 10'0    | 10'0   | 10'0     | 9'7   | 8'0        | 10'0     | 10'0   | 10'0    | 7'3       | 7'7     |
| 10'0    | 10'0   | 10'0     | 9'7   | 8'7        | 10'0     | 10'0   | 10'0    | 10'0      | 7'3     |
| 6'0     | 3'3    | 3'3      | 3'3   | 3'7        | —        | 6'0    | 3'3     | 3'3       | 3'3     |
| 6'0     | 6'7    | 6'7      | 5'0   | 6'7        | 0'0      | 10'0   | 6'7     | 4'3       | 6'7     |
| 0'3     | 0'7    | 3'3      | 0'0   | 0'0        | 0'0      | 2'0    | 0'0     | 0'0       | 0'0     |
| 3'7     | 3'3    | 2'7      | 3'3   | 3'7        | 0'0      | 3'3    | 3'3     | 3'3       | 3'7     |
| 0'0     | 0'0    | 0'0      | 0'0   | 0'0        | 0'0      | 0'3    | 0'0     | 0'0       | 0'3     |
| 0'0     | 0'0    | 0'0      | 0'0   | 0'0        | —        | 0'0    | 0'0     | 0'0       | 0'0     |
| 0'3     | 0'0    | 0'0      | 0'0   | 0'3        | 1'3      | 0'7    | 2'0     | 1'7       | 0'3     |
| 0'0     | 0'0    | 0'0      | 0'0   | 0'0        | 0'0      | 3'3    | 0'0     | 0'0       | 3'3     |
| 6'0     | 4'3    | 1'7      | 4'3   | 3'7        | 0'0      | 10'0   | 2'0     | 2'0       | 10'0    |
| 3'0     | 0'7    | 2'0      | 3'3   | 2'0        | 6'0      | 4'0    | 2'0     | 3'3       | 2'7     |
| 9'7     | 8'3    | 10'0     | 8'0   | 10'0       | 8'7      | 8'7    | 9'3     | 8'0       | 2'0     |
| 4'3     | 4'0    | 6'7      | 4'7   | 7'3        | 4'0      | 6'7    | 7'0     | 5'3       | 1'0     |
| 0'0     | 1'7    | 0'0      | 4'7   | 8'0        | —        | 7'7    | 2'3     | 5'0       | 1'3     |
| 0'7     | 0'0    | 1'0      | 0'7   | 0'0        | 0'0      | 6'3    | 2'0     | 2'7       | 4'0     |
| 7'0     | 6'7    | 10'0     | 9'3   | 9'7        | 10'0     | 10'0   | 10'0    | 10'0      | 7'7     |
| 9'7     | 10'0   | 10'0     | 10'0  | 10'0       | 10'0     | 10'0   | 10'0    | 9'7       | 10'0    |
| 10'0    | 10'0   | 10'0     | 10'0  | 10'0       | 10'0     | 10'0   | 10'0    | 10'0      | 10'0    |
| 8'7     | 8'3    | 10'0     | 7'3   | 9'3        | 8'0      | 10'0   | 8'3     | 7'0       | 4'7     |
| 10'0    | 10'0   | 10'0     | 9'3   | 10'0       | 10'0     | 10'0   | 10'0    | 10'0      | 10'0    |
| 3'3     | 5'7    | 7'3      | 7'3   | 9'0        | 7'3      | 6'0    | 5'3     | 7'7       | 2'0     |
| 9'0     | 7'7    | 7'3      | 8'3   | 7'3        | —        | 6'7    | 10'0    | 7'7       | 6'7     |
| 7'0     | 6'3    | 6'7      | 7'3   | 8'0        | —        | 9'0    | 2'0     | 3'7       | 2'3     |
| 10'0    | 10'0   | 10'0     | 8'3   | 9'7        | 4'7      | 10'0   | 8'7     | 9'0       | 7'7     |
| 10'0    | 10'0   | 10'0     | 10'0  | 10'0       | 10'0     | 10'0   | 10'0    | 10'0      | 10'0    |
| 2'7     | 4'0    | 5'3      | 2'0   | 2'7        | 0'0      | 4'0    | 3'3     | 4'0       | 1'7     |
| 7'3     | 9'0    | 9'3      | 8'7   | 8'0        | 5'3      | 6'3    | 7'3     | 7'0       | 5'3     |
| 6'7     | 10'0   | 6'0      | 6'3   | 8'3        | 3'3      | 6'7    | 6'7     | 6'7       | 6'0     |
| 8'7     | 10'0   | 10'0     | 7'7   | 7'3        | 5'3      | 8'7    | 8'7     | 5'7       | 2'3     |
| 5'7     | 5'7    | 6'0      | 5'6   | 6'0        | 5'0      | 6'9    | 5'7     | 5'5       | 4'7     |



Stan zachmu-  
Średnie

Listopad 1877 roku.

| Dzień          | Nowy Sącz | Ujście Jez. | Krynica | Tarnów | Kolaczyce | Dobrzeczków | Starawieś | Maniów | Jarosław |
|----------------|-----------|-------------|---------|--------|-----------|-------------|-----------|--------|----------|
| 1              | 9.0       | 8.0         | 10.0    | 9.3    | 8.3       | 10.0        | 8.7       | 9.0    | 9.0      |
| 2              | 9.3       | 6.7         | 10.0    | 8.3    | 10.0      | 10.0        | 10.0      | 10.0   | 10.0     |
| 3              | 2.7       | 4.3         | 3.3     | 4.0    | 2.3       | 0.7         | 4.0       | 4.7    | 4.0      |
| 4              | 9.3       | 8.0         | 8.3     | 0.0    | 8.3       | 8.0         | 8.7       | 9.7    | 8.0      |
| 5              | 0.0       | 0.0         | 1.7     | 0.0    | 0.0       | 3.3         | 0.0       | 0.0    | 3.0      |
| 6              | 2.7       | 3.7         | 1.7     | 1.3    | 2.0       | 1.3         | 0.7       | 0.0    | 2.3      |
| 7              | 0.0       | 0.0         | 1.7     | 0.0    | 0.3       | 0.0         | 0.0       | 0.0    | 0.0      |
| 8              | 0.0       | 0.0         | 1.7     | 0.0    | 0.0       | 1.0         | 0.7       | 1.0    | 1.0      |
| 9              | 0.3       | 1.0         | 3.3     | 0.0    | 2.3       | 0.7         | 0.0       | 2.7    | 1.0      |
| 10             | 0.0       | 3.3         | 1.7     | 0.0    | 0.3       | 3.3         | 1.3       | 1.7    | 6.0      |
| 11             | 1.7       | 6.7         | 5.0     | 0.0    | 0.3       | 1.0         | 2.7       | 1.3    | 6.0      |
| 12             | 2.7       | 4.0         | 5.0     | 1.3    | 3.3       | 0.7         | 5.3       | 6.0    | 6.0      |
| 13             | 5.3       | 9.0         | 6.7     | 4.0    | 4.0       | 6.0         | 3.3       | 5.3    | 7.0      |
| 14             | 6.0       | 5.3         | 5.0     | 2.0    | 4.0       | 5.3         | 4.0       | 3.3    | 7.0      |
| 15             | 2.7       | 5.3         | 5.0     | 1.7    | 3.0       | 5.3         | 2.0       | 1.3    | 10.0     |
| 16             | 3.3       | 4.7         | 3.3     | 1.3    | 2.0       | 3.7         | 1.3       | 5.3    | 10.0     |
| 17             | 6.7       | 10.0        | 8.3     | 6.7    | 10.0      | 8.7         | 10.0      | 10.0   | 10.0     |
| 18             | 10.0      | 10.0        | 10.0    | 9.3    | 9.7       | 10.0        | 8.7       | 10.0   | 10.0     |
| 19             | 10.0      | 10.0        | 10.0    | 10.0   | 10.0      | 10.0        | 10.0      | 10.0   | 10.0     |
| 20             | 10.0      | 9.3         | 10.0    | 5.3    | 7.7       | 7.3         | 8.7       | 9.7    | 10.0     |
| 21             | 7.7       | 10.0        | 6.7     | 8.7    | 9.7       | 6.0         | 9.3       | 10.0   | 9.7      |
| 22             | 10.0      | 7.0         | 3.3     | 3.7    | 6.7       | 4.3         | 6.7       | 6.7    | 6.0      |
| 23             | 10.0      | 8.0         | 8.3     | 7.3    | 6.0       | 8.7         | 8.0       | 10.0   | 10.0     |
| 24             | 8.3       | 2.3         | 3.3     | 4.0    | 3.7       | 6.0         | 3.3       | 8.3    | 4.0      |
| 25             | 2.0       | 7.3         | 10.0    | 6.0    | 9.0       | 10.0        | 8.0       | 10.0   | 10.0     |
| 26             | 8.7       | 9.3         | 8.3     | 5.7    | 8.3       | 10.0        | 10.0      | 10.0   | 10.0     |
| 27             | 10.0      | 4.3         | 3.3     | 3.7    | 5.7       | 4.7         | 6.0       | 5.7    | 4.0      |
| 28             | 4.0       | 7.0         | 6.7     | 2.3    | 6.0       | 4.7         | 0.0       | 6.0    | 0.0      |
| 29             | 6.0       | 5.3         | 6.7     | 5.0    | 5.7       | 6.7         | 4.0       | 3.3    | 9.0      |
| 30             | 6.3       | 5.3         | 6.7     | 2.3    | 4.0       | 5.0         | 6.0       | 8.3    | 10.0     |
| Śred.<br>mies. | 5.5       | 5.8         | 5.8     | 4.0    | 5.1       | 5.4         | 5.0       | 6.0    | 6.8      |

rzewia nieba.  
dziennie.

| Drohobycz | Lwów | Stanisławów | Złoczów | Brzeżany | Kołomyja | Tarnopol | Czortków |  |  |
|-----------|------|-------------|---------|----------|----------|----------|----------|--|--|
| 7.0       | 8.3  | 7.7         | 8.7     | 9.0      | 5.7      | 5.3      | 6.0      |  |  |
| 8.3       | 10.0 | 9.0         | 10.0    | 8.0      | 7.0      | 6.0      | 9.7      |  |  |
| 4.0       | 9.3  | 6.3         | 6.7     | 5.7      | 6.0      | 4.0      | 7.0      |  |  |
| 6.7       | 8.0  | 5.0         | 3.3     | 7.3      | 4.3      | 3.3      | 6.3      |  |  |
| 3.3       | 4.7  | 4.7         | 3.3     | 4.0      | 6.0      | 3.3      | 3.7      |  |  |
| 1.0       | 1.7  | 1.0         | 0.0     | 1.0      | 2.3      | 0.0      | 0.3      |  |  |
| 0.7       | 2.0  | 0.7         | 0.0     | 1.0      | 0.3      | 0.0      | 0.0      |  |  |
| 1.7       | 0.7  | 1.0         | 0.3     | 3.0      | —        | 1.0      | 2.0      |  |  |
| 7.0       | 6.0  | 5.0         | 5.3     | 5.0      | 6.3      | 3.0      | 9.7      |  |  |
| 5.7       | 5.7  | 9.3         | 7.7     | 10.0     | 10.0     | 6.0      | 6.7      |  |  |
| 3.3       | 2.7  | 3.3         | 0.0     | 0.0      | 3.3      | 0.0      | 0.7      |  |  |
| 10.0      | 6.7  | 10.0        | 10.0    | 10.0     | 4.3      | 10.0     | 10.0     |  |  |
| 8.0       | 6.0  | 7.3         | 10.0    | 9.0      | 3.3      | 8.7      | 10.0     |  |  |
| 6.7       | 9.7  | 9.7         | 10.0    | 9.0      | 8.3      | 9.0      | 10.0     |  |  |
| 10.0      | 9.0  | 10.0        | 10.0    | 10.0     | 8.3      | 10.0     | 10.0     |  |  |
| 10.0      | 10.0 | 10.0        | 10.0    | 10.0     | 10.0     | 8.7      | 10.0     |  |  |
| 7.7       | 10.0 | 9.3         | 10.0    | 10.0     | 10.0     | 8.0      | 10.0     |  |  |
| 9.3       | 10.0 | 8.0         | 10.0    | 10.0     | 10.0     | 8.3      | 10.0     |  |  |
| 5.3       | 10.0 | 9.3         | 10.0    | 10.0     | 10.0     | 5.7      | 10.0     |  |  |
| 4.7       | 9.7  | 6.0         | 9.0     | 4.0      | —        | 6.7      | 10.0     |  |  |
| 6.3       | 9.3  | 3.3         | 10.0    | 10.0     | 10.0     | 8.3      | 10.0     |  |  |
| 4.0       | 6.7  | 10.0        | 10.0    | 10.0     | 10.0     | 8.7      | 10.0     |  |  |
| 6.7       | 10.0 | 8.0         | 9.3     | 5.0      | 7.0      | 9.0      | 10.0     |  |  |
| 5.0       | 8.0  | 4.7         | 9.0     | 2.3      | 5.0      | 3.7      | 5.0      |  |  |
| 5.7       | 8.7  | 7.7         | 9.0     | 4.7      | 4.7      | 5.3      | 5.0      |  |  |
| 10.0      | 10.0 | 9.0         | 10.0    | 8.3      | 6.7      | 9.0      | 10.0     |  |  |
| 0.3       | 10.0 | 10.0        | 10.0    | 7.0      | 10.0     | 9.0      | 10.0     |  |  |
| 6.0       | 1.3  | 9.3         | 3.3     | 1.7      | 2.7      | 3.7      | 9.7      |  |  |
| 9.3       | 4.3  | 10.0        | 10.0    | 9.0      | —        | 7.7      | 10.0     |  |  |
| 10.0      | 9.3  | 5.7         | 10.0    | 10.0     | 5.0      | 9.0      | 10.0     |  |  |
| 6.1       | 7.2  | 7.0         | 7.5     | 6.8      | 6.6      | 6.0      | 7.7      |  |  |



## Ilość opadu

Grudzień 1876 roku.

| Dzień      | Bielsko | Żywiec | Wadowice | Kraków | Wieliczka | Poronin | Jodłownik | Bochnia | Tarnów |
|------------|---------|--------|----------|--------|-----------|---------|-----------|---------|--------|
| 1          | —       | —      | —        | —      | —         | —       | —         | —       | —      |
| 2          | —       | —      | 9'65     | 6'36   | 9'10      | 0'36    | 0'90      | 4'29 *  | 0'25   |
| 3          | —       | —      | 17'12    | 1'80   | 6'3       | 2'75    | 4'42      | —       | 0'09   |
| 4          | —       | 8'1    | 23'14    | 1'17   | 11'5      | 0'77    | 0'88      | —       | —      |
| 5          | —       | 7'8    | 8'03     | 13'31  | —         | 7'24    | 12'63     | 5'19 *  | 10'53  |
| 6          | —       | —      | 11'73    | 1'85   | 3'1       | —       | 0'70      | —       | 0'14   |
| 7          | —       | —      | 3'07     | 0'36   | 0'2       | —       | —         | —       | 1'22   |
| 8          | —       | —      | 2'35     | 0'41   | 0'3       | 2'50    | 0'86      | —       | —      |
| 9          | —       | 0'3    | —        | 0'23   | 0'3       | —       | —         | —       | 0'54   |
| 10         | *       | —      | —        | 0'41   | 0'5       | 2'21    | 3'16      | —       | 0'74   |
| 11         | —       | —      | 5'21     | 3'29   | 2'7       | 1'04*Δ  | 2'91      | 10'38 * | 0'38   |
| 12         | —       | 2'9    | —        | —      | 0'4*Δ     | —       | —         | —       | 2'50 * |
| 13         | —       | 3'2    | —        | —      | —         | —       | 0'41      | —       | 0'05   |
| 14         | —       | 0'1    | —        | 0'32   | —         | 0'74    | —         | —       | —      |
| 15         | *       | —      | —        | —      | —         | 4'20 *  | 0'77      | —       | 0'52 * |
| 16         | 0'5 *   | 3'3 *  | —        | *      | 1'8 *     | —       | —         | —       | 0'50   |
| 17         | 0'4 *   | *      | —        | *      | 0'2 *     | —       | 2'23 *    | —       | 1'56 * |
| 18         | *       | *      | —        | —      | 1'2       | —       | —         | —       | 0'05   |
| 19         | —       | 2'6 *  | —        | 1'90   | —         | 1'08 *  | —         | 17'60 * | —      |
| 20         | 1'7     | —      | —        | 0'09   | —         | —       | —         | —       | 1'17   |
| 21         | —       | —      | 5'44     | 9'34   | 13'0      | 6'95    | 5'64      | —       | —      |
| 22         | 19'9 *  | 23'2 * | *        | 9'38*Δ | 2'2 *     | 3'25    | 6'09 *    | —       | 5'17 * |
| 23         | 5'5     | *      | *        | 1'35 * | —         | 5'05 *  | 4'22 *    | —       | 3'27 * |
| 24         | —       | *      | 18'77 *  | —      | 0'3 *     | —       | —         | —       | 0'25 * |
| 25         | 0'4 *   | *      | *        | *      | 1'7 *     | 2'68    | 2'08 *    | —       | 2'32 * |
| 26         | 1'95 *  | *      | *        | 2'39 * | 1'8 *     | 9'68 *  | 5'73 *    | —       | 2'12 * |
| 27         | —       | 11'8 * | —        | —      | —         | 0'83 *  | —         | 10'15 * | 3'70   |
| 28         | 1'25 *  | *      | 7'69 *   | 0'81 * | 0'4 *     | 0'56 *  | —         | —       | —      |
| 29         | 1'28    | 1'1    | —        | —      | 0'2       | 0'52 *  | —         | —       | —      |
| 30         | 0'4     | —      | —        | 0'36   | 0'6       | 0'45    | —         | —       | 0'25   |
| 31         | —       | —      | —        | —      | —         | —       | —         | —       | —      |
| Suma opadu | 33'28   | 64'40  | 112'20   | 55'13  | 57'8      | 52'86   | 53'63     | 47'61   | 37'41  |

## w milimetrach.

| Koła-czyce | Do-brze-chów | Stara-wieś | Jaro-sław | Dro-hobycz | Lwów   | Stani-sław-wów | Zło-czów | Koło-myja | Tar-nopol |
|------------|--------------|------------|-----------|------------|--------|----------------|----------|-----------|-----------|
| —          | —            | —          | —         | —          | —      | —              | —        | —         | —         |
| 0'59       | 2'48         | —          | —         | 1'45       | 6'0    | 0'3            | 0'5      | —         | —         |
| 1'80       | 1'40         | 3'8 *      | 2'69      | —          | 2'5    | 0'9            | 4'3      | —         | —         |
| —          | —            | 1'2        | 0'40      | —          | 12'7   | 0'4            | 0'7      | —         | —         |
| —          | 11'50        | 12'4       | 6'41      | 2'20       | 6'3    | 0'9            | 17'2     | 4'44      | 24'5      |
| —          | 0'90         | 1'2        | 2'00      | —          | 5'7    | —              | 3'8 *    | 2'75 *    | 5'2       |
| —          | —            | 3'5        | 5'12      | —          | 3'2    | 5'2            | 5'6 *    | —         | 5'6 *     |
| —          | 1'80         | 6'4        | 9'21      | 11'9       | 8'7    | 12'0           | 0'7      | 11'89     | —         |
| —          | —            | —          | 6'61      | —          | —      | —              | 4'7      | —         | 9'5 *     |
| —          | 3'16         | 1'8        | 1'21      | —          | 1'2    | 0'8            | —        | 2'50      | —         |
| 22'01      | 0'27         | 0'6        | 0'70      | —          | 0'9    | 0'5            | 1'2      | —         | —         |
| —          | —            | 5'2        | 0'80      | —          | —      | 0'7            | 0'5      | —         | —         |
| —          | —            | —          | —         | —          | —      | —              | —        | 0'05      | —         |
| —          | —            | —          | —         | 5'4 *      | 0'8 *  | 0'7            | *        | —         | —         |
| *          | 1'40 *       | *          | —         | 4'0 *      | —      | 2'5            | 1'1      | 15'14 *   | 2'5 *     |
| —          | —            | 0'6 *      | 0'60 *    | —          | —      | 4'6 *          | —        | 9'93 *    | —         |
| 3'18 *     | 1'53 *       | 0'8 *      | 0'20 *    | —          | —      | 1'3 *          | —        | 0'68 *    | —         |
| —          | —            | *          | 0'80 *    | —          | 4'2 *  | —              | *        | —         | —         |
| —          | 2'30         | 0'5        | 0'60 *    | 3'2        | 5'1    | —              | 3'0      | 0'47      | —         |
| —          | 0'36         | 1'2        | 1'20 *    | —          | 0'9 *  | 0'3            | 3'0 *    | —         | 5'5 *     |
| —          | 9'47         | —          | —         | —          | —      | —              | —        | —         | 1'3 *     |
| *          | 2'82 *       | 1'8 *      | 5'60      | 7'6 *      | 10'7 * | —              | 0'9      | 0'74      | —         |
| *          | 0'79 *       | 3'3 *      | 4'30 *    | —          | 0'1 *  | 4'0 *          | 13'7 *   | —         | 4'8 *     |
| —          | —            | *          | 0'60 *    | 5'5 *      | 2'5 *  | —              | *        | —         | —         |
| —          | 0'81 *       | 1'8 *      | 7'40 *    | 7'5 *      | 8'8 *  | 2'1 *          | 0'4 *    | 11'78 *   | —         |
| *          | —            | 5'0 *      | 6'80 *    | —          | 3'4 *  | 1'9 *          | 4'6 *    | 1'92 *    | 3'5 *     |
| 14'44 *    | —            | 0'6 *      | 2'10 *    | 3'0 *      | 1'3 *  | 1'7 *          | 4'4 *    | —         | —         |
| —          | —            | 0'4        | 0'70 *    | —          | —      | —              | 0'4      | —         | —         |
| —          | —            | —          | —         | —          | 0'1 *  | —              | —        | —         | —         |
| —          | 4'51         | —          | —         | —          | 2'1    | 0'5            | 0'6      | —         | —         |
| 9'79       | —            | 0'8        | —         | —          | —      | —              | 2'8      | —         | 3'7       |
| 51'81      | 45'50        | 52'90      | 65'96     | 51'75      | 87'2   | 41'30          | 74'10    | 62'29     | 66'10     |



## Ilość opadu

Styczeń 1877 roku.

| Dzień      | Bielsko | Żywiec | Wadowice | Kraków | Wieliczka | Poronin | Jodłownik | Bochnia | Tarnów  |
|------------|---------|--------|----------|--------|-----------|---------|-----------|---------|---------|
| 1          | —       | —      | —        | —      | —         | —       | —         | —       | —       |
| 2          | —       | —      | —        | —      | —         | —       | —         | —       | —       |
| 3          | —       | —      | —        | —      | —         | —       | 0'47      | —       | 0'16    |
| 4          | —       | —      | —        | —      | —         | —       | —         | —       | —       |
| 5          | —       | —      | —        | —      | —         | —       | —         | —       | —       |
| 6          | —       | —      | —        | —      | —         | —       | —         | —       | —       |
| 7          | —       | —      | —        | 0'63   | —         | —       | —         | —       | —       |
| 8          | —       | —      | —        | —      | —         | —       | —         | —       | —       |
| 9          | —       | —      | —        | 0'14   | —         | —       | —         | —       | —       |
| 10         | —       | —      | 10'87    | 4'83   | 12'2      | —       | 2'32      | —       | —       |
| 11         | 6'57    | 3'7    | 11'75    | 12'09  | 5'0       | 1'44    | 8'57      | 7'22 *  | 4'78    |
| 12         | 2'52    | —      | —        | 0'25   | —         | —       | —         | —       | 3'43    |
| 13         | —       | —      | —        | —      | —         | —       | —         | —       | 0'18    |
| 14         | 1'38 *  | 2'8    | —        | —      | —         | —       | —         | 4'74 *  | *       |
| 15         | —       | —      | —        | —      | —         | —       | —         | —       | 0'72    |
| 16         | —       | —      | —        | 0'27 * | 0'3 *     | 0'11    | —         | —       | —       |
| 17         | —       | —      | —        | —      | —         | —       | —         | —       | —       |
| 18         | *       | —      | *        | 0'32 * | 0'2 *     | 0'83 *  | —         | *       | *Δ      |
| 19         | —       | —      | *        | 0'41 * | —         | —       | 0'72 *    | —       | 0'07 *  |
| 20         | —       | —      | —        | —      | —         | —       | —         | —       | —       |
| 21         | —       | —      | —        | —      | —         | —       | —         | —       | —       |
| 22         | —       | *      | *        | —      | —         | —       | —         | —       | —       |
| 23         | 0'1 *   | —      | 4'99 *   | 0'90 * | 3'2 *     | 1'29 *  | —         | 7'67 *  | *       |
| 24         | 9'0 *   | 3'9 *  | 16'74 *  | 1'26 * | 2'0 *     | 3'05 *  | 6'36 *    | 11'73 * | 2'37 *Δ |
| 25         | —       | *      | —        | 1'53 * | 0'2 *     | —       | 2'75 *    | —       | 1'76    |
| 26         | —       | 2'1 *  | —        | —      | —         | —       | —         | —       | *       |
| 27         | —       | —      | —        | —      | —         | —       | —         | —       | 0'16    |
| 28         | —       | —      | —        | —      | —         | 1'78 *  | —         | —       | —       |
| 29         | *       | —      | *        | 1'13 * | 2'2 *     | —       | 0'43 *    | 6'99 *  | *       |
| 30         | 1'3     | 0'3 *  | —        | —      | —         | —       | —         | 3'83 *  | 1'42 *  |
| 31         | —       | 0'3 *  | *        | *      | —         | —       | —         | —       | 0'09Δ   |
| Suma opadu | 20'87   | 12'8   | 44'35    | 23'76  | 24'3      | 8'39    | 21'62     | 42'18   | 15'14   |

## w millimetrach.

| Kołaczyce | Dobrzechów | Stara wieś | Maniów | Jarosław | Drohobycz | Lwów  | Stanisławów | Złoczów | Koło-myja | Tarnopol |
|-----------|------------|------------|--------|----------|-----------|-------|-------------|---------|-----------|----------|
| —         | —          | —          | —      | —        | —         | —     | —           | —       | —         | —        |
| —         | 4'65       | —          | —      | 1'6      | —         | —     | —           | —       | —         | —        |
| —         | —          | 0'4        | —      | —        | —         | —     | —           | 0'2     | —         | —        |
| —         | —          | —          | —      | —        | —         | —     | —           | —       | —         | —        |
| —         | —          | —          | 2'24   | —        | —         | —     | 0'6         | 2'0     | —         | 2'0      |
| —         | —          | —          | —      | —        | —         | —     | —           | 0'2     | —         | —        |
| —         | —          | —          | —      | —        | —         | —     | —           | —       | —         | —        |
| —         | —          | —          | —      | —        | —         | 8'4   | —           | —       | —         | —        |
| 9'38      | 13'76      | 12'4       | 1'30   | 10'2     | —         | 8'4   | 0'4         | 7'8     | 5'28 *    | 3'2      |
| —         | —          | 2'0        | 4'52   | 6'1      | 9'9       | —     | 4'2         | 8'9     | —         | 9'0 *    |
| —         | 0'68       | —          | —      | —        | —         | —     | 0'3 *       | *       | 0'72 *    | —        |
| —         | —          | *          | —      | —        | —         | —     | —           | —       | —         | —        |
| —         | —          | —          | 0'90 * | 0'6 *    | —         | —     | 0'2 *       | —       | —         | —        |
| —         | —          | —          | —      | —        | —         | —     | —           | *       | —         | —        |
| —         | —          | —          | —      | —        | —         | —     | —           | 0'4     | —         | —        |
| *         | 0'18 *     | 0'2 *      | —      | —        | —         | —     | —           | 0'4     | —         | —        |
| 2'26 *    | —          | *          | 0'36 * | 0'8 *    | 1'7 *     | 2'3 * | —           | *       | 0'47 *    | —        |
| —         | —          | —          | *      | —        | —         | —     | 2'1 *       | 2'0     | 6'77 *    | 3'0 *    |
| —         | —          | —          | —      | —        | —         | —     | —           | *       | —         | —        |
| —         | —          | —          | —      | —        | —         | —     | 0'2 *       | —       | —         | —        |
| —         | —          | —          | —      | —        | —         | —     | —           | —       | —         | —        |
| *         | 0'23 *     | *          | —      | —        | 4'5 *     | 3'0 * | —           | *       | *         | 2'8 *    |
| *         | —          | 1'8 *      | 1'05 * | 4'4 *    | —         | 1'4 * | 3'3 *       | 3'0 *   | 11'32 *   | —        |
| —         | —          | —          | 0'10 * | —        | —         | 1'0 * | 2'2 *       | 0'6 *   | 0'56 *    | 1'5 *    |
| *         | 2'48 *     | 1'0 *      | 1'63 * | 1'6 *    | 2'7 *     | 0'1 * | 0'5 *       | 1'5     | —         | 1'3 *    |
| —         | —          | —          | —      | 0'9 *    | —         | 0'2 * | —           | —       | —         | —        |
| —         | —          | *          | —      | —        | —         | —     | —           | —       | —         | —        |
| *         | 0'18 *     | —          | —      | —        | —         | 0'4 * | —           | —       | —         | —        |
| —         | —          | *          | 0'64 * | 1'2 *    | 1'3 *     | —     | 1'5 *       | *       | 0'70 *    | —        |
| —         | —          | —          | 0'48 * | —        | —         | 0'1 * | —           | 1'5 *   | —         | 2'5 *    |
| 11'64     | 22'16      | 17'8       | 13'22  | 27'4     | 20'1      | 25'3  | 15'5        | 28'1    | 25'82     | 25'1     |



## Ilość opadu

## w milimetrach.

Luty 1877 roku.

| Dzień      | Bielsko | Żywiec | Wadowice | Sucha  | Kraków | Wieliczka | Poronin | Jodłownik | Bochnia | Tarnów |
|------------|---------|--------|----------|--------|--------|-----------|---------|-----------|---------|--------|
| 1          | 1'1*    | *      | 7'71*    | 1'53*  | *      | 1'3*      | —       | —         | —       | *      |
| 2          | 1'8*    | 0'5*   | 4'99*    | 3'61*  | 1'90*  | 3'7*      | 1'31*   | 2'41*     | —       | 0'65*  |
| 3          | 3 0*    | 4'2    | —        | —      | 0'90*  | —         | —       | 1'22*     | —       | 1'04   |
| 4          | —       | —      | —        | —      | —      | —         | —       | —         | —       | —      |
| 5          | 0'8*    | *      | —        | 5'64*  | 0'36*  | 0'3*      | —       | 0'95*     | —       | *      |
| 6          | 0'83*   | —      | —        | —      | 0'27*  | 0'3*      | —       | —         | —       | —      |
| 7          | 3'6*    | 5'1    | 1'26     | 13'04  | 14'53  | 0'7       | 7'17*   | 7'20      | 17'7    | 1'11*Δ |
| 8          | 10'9    | —      | 19'13    | —      | 1'26   | 0'4Δ      | 9'52*   | 3'09      | —       | 0'81*  |
| 9          | 0'83*Δ  | 4'6*   | 5'21     | 5'87*  | 3'25   | 3'2       | 2'68*   | 0'45      | —       | 10'20* |
| 10         | 4'5*    | *      | 2'44*    | 7'22   | 9'74   | 10'6*     | 7'08*   | 6'23      | 0'6     | 2'01*  |
| 11         | 5'6*    | —      | —        | —      | 5'55   | 2'1*      | 5'91*   | 3'52*     | 8'0*    | 7'67Δ  |
| 12         | 2'75    | *      | 0'81*    | 3'70   | 1'08   | 0'8       | 4'51*   | 1'94      | 1'0*    | 1'08Δ  |
| 13         | 2'7*    | *      | *        | 9'47*  | —      | 0'2*      | 5'23*   | 0'32*     | —       | 0'14   |
| 14         | —       | *      | *        | —      | —      | —         | —       | —         | —       | —      |
| 15         | —       | —      | —        | —      | 0'18*  | —         | —       | —         | —       | 1'67*  |
| 16         | —       | —      | —        | —      | —      | —         | —       | —         | —       | —      |
| 17         | *       | *      | —        | —      | —      | 1'6*      | —       | —         | —       | —      |
| 18         | 4'2     | 24'0*  | 7'22*    | 3'61*  | 2'89*  | 1'4*      | 4'22*   | 2'23      | 1'6*    | *      |
| 19         | —       | —      | —        | —      | —      | —         | 0'79*   | —         | —       | 3'50   |
| 20         | —       | —      | —        | —      | —      | —         | —       | —         | —       | —      |
| 21         | —       | —      | —        | —      | —      | 0'3       | —       | —         | —       | *      |
| 22         | —       | 1'4*   | —        | 11'50* | 1'76   | 2'7       | 4'78*   | 3'90      | —       | 3'54   |
| 23         | 10'58*  | *      | 23'14*   | 3'61*  | 8'77*  | 19'8*     | 14'57*  | 10'49*    | 22'4    | 4'24*  |
| 24         | 2'6*    | —      | —        | 6'36*  | 0'36*  | 0'2*      | 2'35*   | 1'80*     | —       | 12'05* |
| 25         | 0'5     | 13'3*  | —        | —      | 1'08*  | 4'8*      | —       | 1'74*     | —       | 0'07   |
| 26         | 5'16*   | *      | —        | —      | 4'20   | 1'1*      | 1'35    | —         | —       | 1'42   |
| 27         | 2'3*    | 2'4*   | —        | 2'39*  | —      | 0'2*      | 0'41*   | —         | —       | 0'27*  |
| 28         | —       | 1'8*   | 14'48*   | 3'38*  | 2'66*  | 2'7*      | —       | 9'47*     | —       | 0'18*  |
| Suma opadu | 70'05   | 57'3   | 86'39    | 80'93  | 61'83  | 67'6      | 72'69   | 56'96     | 51'3    | 53'86  |

| Kolaczyce | Do-brzechów | Stara-wieś | Ma-niów | Jaro-sław | Dro-hobycz | Lwów  | Stani-sławów | Zło-czów | Koło-myja | Tarno-pol |
|-----------|-------------|------------|---------|-----------|------------|-------|--------------|----------|-----------|-----------|
| *         | —           | 0'6*       | 0'20*   | —         | 1'9*       | —     | —            | 0'6      | —         | —         |
| *         | —           | 1'4*       | 0'82*   | 1'3*      | —          | 0'7*  | —            | —        | 2'53*     | —         |
| —         | —           | 0'4*       | 0'20*   | 0'8*      | —          | —     | 0'7*         | 0'6*     | —         | 0'75*     |
| —         | 0'95*       | —          | —       | —         | —          | —     | —            | —        | —         | —         |
| *         | 1'44*       | *          | 3'10*   | —         | —          | 0'5*  | 0'5*         | *        | 0'45*     | —         |
| *         | 2'08*       | 1'2*       | 0'50*   | —         | —          | 0'7*  | —            | 0'7*     | *         | —         |
| 9'38*     | 6'72*       | 2'5        | 8'40*   | —         | —          | 8'5*  | 1'0*         | 1'0*     | 0'45      | —         |
| Δ         | 3'02*       | 3'4        | 2'80*   | 7'4       | 8'5*       | 4'5*  | 0'6*         | 0'6*     | 1'65*     | 7'5*      |
| —         | 4'92        | 1'6*       | 3'18*   | 2'2       | —          | 3'7*  | 2'5          | 2'3*     | —         | 1'0*      |
| —         | —           | 1'0*       | 8'42*   | 3'8*      | 1'1*       | 5'6*  | 1'8          | 3'4*     | —         | 2'0*      |
| *         | 15'56*      | 3'8*       | 2'38*   | 8'2*      | —          | —     | —            | 4'4*     | *         | 3'5*      |
| 12'29Δ    | —           | 0'5*       | 2'04*   | 0'9*      | —          | 0'6*  | 0'5*         | 1'6Δ     | —         | 2'7*      |
| —         | —           | 0'3        | —       | 1'7*      | —          | —     | —            | 0'2      | —         | —         |
| *         | —           | *          | 0'35*   | —         | 0'35*      | —     | —            | *        | —         | —         |
| —         | 1'31*       | 0'4        | —       | —         | —          | —     | 0'3Δ         | 0'3      | —         | —         |
| *         | —           | —          | —       | —         | —          | —     | —            | 0'7*     | —         | —         |
| —         | —           | —          | 3'22*   | —         | —          | —     | —            | —        | —         | 2'5*      |
| *         | 4'42*       | 1'0*       | 5'73*   | —         | —          | 10'7* | 1'4          | 0'3      | 1'00      | —         |
| 5'68      | 1'08*       | 2'5*       | —       | 6'4*      | 6'15*      | 0'8*  | —            | 1'7*     | —         | —         |
| —         | —           | —          | 0'02    | 0'1       | —          | —     | —            | 1'8      | —         | —         |
| —         | 2'30        | —          | 0'05    | —         | —          | —     | —            | —        | —         | —         |
| *         | —           | —          | 4'40*   | —         | 10'9*      | 3'4*  | 1'0          | —        | —         | —         |
| 10'33*    | 17'32*      | 6'8*       | 6'34*   | 8'6*      | 4'6*       | 13'3* | 10'0*        | *        | 22'85*    | 2'8*      |
| —         | —           | 5'0        | 0'08*   | 4'5*      | —          | 0'6*  | 8'0*         | 17'8*    | —         | 9'0*      |
| *         | 5'46*       | *          | 3'20*   | —         | —          | 3'4*  | —            | 0'8*     | —         | —         |
| —         | 2'75        | —          | 1'63    | —         | 5'6*       | 0'6*  | —            | 3'0      | —         | —         |
| —         | —           | 0'6*       | —       | —         | —          | —     | 2'4*         | 2'0      | 1'58*     | —         |
| 5'19*     | 3'07*       | 0'4*       | 1'36*   | —         | —          | 0'1*  | 0'4*         | *        | 1'24*     | —         |
| 48'87     | 72'40       | 33'4       | 58'42   | 45'9      | 39'10      | 57'7  | 36'5         | 52'2     | 32'35     | 31'75     |



## Illość opadu

w millimetrach.

*Marzec 1877 roku.*

| Dzień      | Bielsko | Żywiec | Wadowice | Sucha  | Czerlichów | Kraków | Wieliczka | Poronin | Jodłownik |
|------------|---------|--------|----------|--------|------------|--------|-----------|---------|-----------|
| 1          | 2'3 *   | *      | —        | 1'04 * | *          | 0'09 * | 0'2 *     | 0'81 *  | —         |
| 2          | 1'45 *  | 1'6 *  | —        | 1'80 * | *          | 1'49 * | 3'8 *     | 2'80 *  | 2'41 *    |
| 3          | 1'6     | 2'0    | —        | —      | —          | —      | —         | 0'56 *  | —         |
| 4          | —       | —      | —        | —      | —          | —      | —         | —       | —         |
| 5          | —       | —      | —        | —      | —          | —      | —         | —       | —         |
| 6          | —       | —      | —        | —      | —          | —      | —         | —       | —         |
| 7          | *       | *      | —        | —      | —          | —      | —         | —       | —         |
| 8          | 3'55    | *      | 7'24 *   | —      | *          | 0'72 * | 0'2 *     | 0'97 *  | —         |
| 9          | *       | *      | 23'66 *  | 5'91 * | —          | 0'81 * | 6'8 *     | 5'59 *  | 3'99 *    |
| 10         | 0'7 *   | *      | —        | 7'08 * | *          | 0'50 * | 1'4 *     | —       | 7'26 *    |
| 11         | —       | 8'1    | —        | —      | —          | —      | —         | —       | —         |
| 12         | —       | *      | —        | —      | —          | —      | *         | —       | —         |
| 13         | —       | —      | 9'47 *   | —      | *          | *      | —         | 4'44 *  | —         |
| 14         | 1'38 *  | 1'1 *  | 3'74 *   | 5'10 * | *          | 1'31 * | 0'8 *     | 3'93 *  | 1'40 *    |
| 15         | 2'0 *   | —      | 11'87 *  | 3'11 * | *          | 1'22 * | 4'3 *     | 1'62 *  | 3'61 *    |
| 16         | 0'6 *   | 2'1 *  | —        | —      | —          | 0'14 * | 0'7 *     | —       | —         |
| 17         | 5'2 *   | —      | 4'62     | 3'34   | 0'65       | 1'13   | 2'8       | —       | —         |
| 18         | —       | 2'7    | 10'20    | 6'05   | —          | 0'45   | 0'3       | —       | 5'82      |
| 19         | —       | —      | —        | —      | —          | —      | 0'2       | 2'53 *  | —         |
| 20         | —       | —      | —        | —      | —          | —      | —         | —       | —         |
| 21         | —       | —      | —        | —      | 0'3        | 0'90 * | 4'5       | —       | 8'19      |
| 22         | —       | —      | —        | —      | —          | 0'14 * | —         | 7'96    | —         |
| 23         | *       | 1'5    | —        | 4'74   | 4'2        | 2'80 * | 3'2 *     | —       | 1'99      |
| 24         | 8'53    | 6'6    | 7'35 *   | 4'48 * | *          | *      | —         | 2'39    | —         |
| 25         | —       | —      | —        | —      | —          | —      | —         | 0'92 *  | —         |
| 26         | —       | —      | —        | —      | —          | —      | —         | —       | —         |
| 27         | —       | —      | —        | —      | —          | —      | —         | —       | —         |
| 28         | —       | —      | 12'00    | —      | —          | —      | 3'7 Δ     | —       | —         |
| 29         | —       | 0'3    | —        | —      | 6'4        | 1'44   | 0'8       | —       | —         |
| 30         | 6'05    | —      | 16'74    | 5'73   | 8'2        | 0'14   | 1'5       | 4'78    | 3'61      |
| 31         | 2'5     | 7'8    | —        | 2'26   | —          | 0'45   | —         | 11'23   | 4'78      |
| Suma opadu | 36'76   | 33'8   | 106'89   | 48'64  | 10'75      | 12'73  | 35'2      | 50'53   | 43'06     |

| Boch-<br>nia | Tar-<br>nów | Koła-<br>czyce | Do-<br>brze-<br>chów | Star-<br>wieś | Ma-<br>niów | Jaro-<br>sław | Dro-<br>ho-<br>bycz | Lwów   | Stani-<br>sławów |
|--------------|-------------|----------------|----------------------|---------------|-------------|---------------|---------------------|--------|------------------|
| —            | 0'72 *      | *              | 2'21 *               | 0'6 *         | 0'13 *      | 2'4 *         | —                   | —      | —                |
| —            | 0'20 *      | —              | —                    | 0'3 *         | 0'14 *      | —             | —                   | 0'1 *  | 0'3 *            |
| —            | 0'63 *      | 2'53 *         | 0'27 *               | 0'4 *         | 0'30 *      | —             | —                   | —      | —                |
| —            | 0'07        | —              | —                    | —             | —           | —             | 0'6 *               | 1'7 *  | 4'8 *            |
| —            | —           | —              | —                    | —             | —           | —             | —                   | —      | —                |
| —            | —           | —              | —                    | —             | —           | —             | —                   | —      | —                |
| —            | —           | —              | 4'60                 | —             | —           | —             | —                   | 0'6    | —                |
| —            | * Δ         | *              | —                    | 1'4           | —           | —             | —                   | 1'0 *  | —                |
| —            | 0'59 0      | *              | —                    | 1'2 *         | 2'31 *      | —             | 11'6 *              | 11'5 * | 2'0 *            |
| —            | 1'76 *      | *              | 2'84 *               | 0'6 *         | 2'33 *      | 6'7 *         | —                   | 8'2 *  | 11'0 *           |
| —            | —           | —              | —                    | —             | —           | —             | —                   | —      | —                |
| —            | 1'02        | 6'23           | —                    | 1'4           | —           | 1'8 *         | —                   | —      | —                |
| —            | *           | —              | 0'32 *               | 0'6 *         | 0'06 *      | —             | —                   | —      | —                |
| —            | 0'07 *      | —              | 0'23 *               | 0'4           | —           | —             | —                   | —      | —                |
| —            | 0'50 *      | *              | 5'01 *               | 0'4 *         | 1'68 *      | —             | —                   | 1'1 *  | —                |
| —            | 5'28 *      | *              | —                    | 1'6 *         | 3'21 *      | 0'7 *         | —                   | 2'8 *  | —                |
| 12'0         | 1'04        | *              | —                    | *             | 1'09 *      | 3'1 *         | —                   | —      | —                |
| —            | —           | —              | 1'49                 | —             | —           | —             | —                   | 3'1    | —                |
| 3'5          | 1'94        | 12'18          | 4'78                 | 2'6 *         | 8'74 *      | 2'15          | 6'7                 | 3'5    | 4'7              |
| 1'0          | 1'08        | —              | —                    | 0'2           | 0'77 *      | 1'8           | 7'3 *               | 10'7 * | 2'2              |
| —            | 0'18        | —              | —                    | —             | 0'20        | 1'4           | —                   | —      | —                |
| —            | —           | —              | 21'34                | —             | 24'07       | —             | —                   | 3'2    | 1'0              |
| 7'3          | 21'02       | 20'98          | 4'69                 | 12'1          | 3'65 *      | 21'3          | 12'8                | —      | —                |
| —            | —           | —              | —                    | —             | 6'53        | —             | —                   | 0'8    | —                |
| 2'0          | 0'63 *      | —              | —                    | 1'0 *         | 0'24        | 4'6           | —                   | —      | 0'2              |
| —            | 0'68        | —              | —                    | —             | 0'21        | —             | —                   | —      | —                |
| —            | —           | —              | —                    | —             | —           | —             | —                   | —      | —                |
| —            | —           | —              | —                    | —             | —           | —             | —                   | 2'1    | —                |
| —            | —           | —              | —                    | —             | —           | —             | —                   | —      | —                |
| —            | —           | 1'42           | —                    | —             | 4'00        | —             | —                   | —      | —                |
| —            | 1'35        | —              | 2'80                 | —             | 0'17        | 3'6           | —                   | 1'7    | —                |
| —            | 1'08        | —              | 2'26                 | 4'5           | 10'20       | 4'8           | 2'0                 | 10'3   | —                |
| 6'0          | 2'23        | 7'31           | 3'16                 | 4'1           | 2'68        | 2'4           | 5'8                 | —      | 6'3              |
| —            | —           | —              | —                    | —             | —           | —             | —                   | —      | —                |
| 31'8         | 42'97 *     | 50'65          | 56'00                | 33'0          | 72'71       | 56'75         | 46'8                | 62'4   | 32'5             |



## Hole opadu

Marzec 1877 r. Kwiecień 1877 roku.

| Dzień      | Złoczów | Koło-<br>myja | Tar-<br>nopol | Bielsko | Ży-<br>wiec | Wado-<br>wice | Sucha  | Czer-<br>ni-<br>chów | Kra-<br>ków |
|------------|---------|---------------|---------------|---------|-------------|---------------|--------|----------------------|-------------|
| 1          | 0'7 *   | 2'01 *        | —             | 8'5     | —           | 18'52 *       | 9'25   | 1'40                 | 4'06        |
| 2          | *       | 16'94 *       | —             | 5'8     | *           | 23'50 *       | 5'64 * | 1'35 *               | 3'29 *Δ     |
| 3          | *       | 9'47 *        | —             | 5'55 *Δ | 5'1 *       | Δ             | 3'29 * | —                    | 0'63 *      |
| 4          | 1'3 *   | 5'89 *        | —             | —       | —           | —             | —      | —                    | —           |
| 5          | 5'0     | —             | 4'0 *         | —       | —           | 2'75          | —      | 0'75                 | 1'35        |
| 6          | —       | —             | —             | —       | 0'6         | —             | —      | —                    | —           |
| 7          | —       | 4'29          | —             | —       | —           | 7'71          | 20'08  | —                    | —           |
| 8          | —       | 4'29          | —             | 4'0     | 11'6        | —             | —      | —                    | 2'03        |
| 9          | 2'1 *   | 0'72 *        | —             | —       | —           | —             | —      | —                    | —           |
| 10         | 11'0 *  | 0'56 *        | 3'6 *         | —       | —           | —             | —      | —                    | —           |
| 11         | 8'7     | —             | 2'7 *         | —       | 7'2         | —             | —      | —                    | —           |
| 12         | —       | —             | —             | 7'1     | —           | 11'87         | 9'93   | 8'84                 | 28'01       |
| 13         | —       | —             | —             | —       | 0'3         | —             | —      | —                    | —           |
| 14         | *       | —             | —             | —       | —           | —             | —      | —                    | —           |
| 15         | 0'6 *   | —             | —             | 3'57 *  | *           | 3'16 *        | 5'87 * | 2'55 *               | 0'27 *      |
| 16         | 0'9     | *             | 1'6 *         | —       | 6'0         | 0'63 *        | 6'14 * | 2'20 *               | 2'80 *      |
| 17         | —       | —             | —             | —       | *           | 2'39 *        | 7'85   | —                    | —           |
| 18         | 1'4 *   | 7'58          | 5'5           | *       | 1'71 *      | 5'91 *        | 0'60 * | 4'51 *               | —           |
| 19         | 6'1 *   | 1'13          | —             | 4'18 *  | 5'2         | 9'47 *        | 3'16 * | 2'13 *               | 4'38 *      |
| 20         | 7'7     | —             | 7'0 *         | 5'2 *   | *           | 1'71 *        | 5'14   | 6'30                 | 2'57 *      |
| 21         | 0'3     | —             | —             | 4'9 *   | *           | 21'47 *       | 3'16 * | 4'90 *Δ              | 4'83 *      |
| 22         | 1'9     | —             | 1'5           | 3'65 *  | *           | 12'23 *       | 3'61 * | 2'95 *               | 2'44 *      |
| 23         | 1'8     | —             | —             | 2'8 *   | 18'9 *      | *             | 3'79 * | 0'95 *               | 0'23 *      |
| 24         | —       | —             | —             | —       | —           | —             | —      | —                    | —           |
| 25         | —       | —             | —             | —       | —           | —             | —      | —                    | —           |
| 26         | —       | —             | —             | —       | —           | —             | —      | —                    | —           |
| 27         | —       | —             | —             | —       | —           | —             | —      | —                    | —           |
| 28         | —       | —             | Δ             | —       | —           | —             | —      | 0'20                 | 0'05        |
| 29         | 0'3     | —             | —             | —       | —           | —             | 5'98   | —                    | —           |
| 30         | 1'7     | 16'47         | —             | 1'4     | 2'3         | 12'79         | 7'17   | 0'55                 | 7'22 Δ      |
| 31         | 4'8     | 5'23          | 6'8           | —       | —           | —             | —      | —                    | —           |
| Suma opadu | 56'3    | 74'58         | 32'7          | 56'65   | 57'2        | 129'91        | 105'97 | 35'67                | 65'67       |

## w millimetrach.

| Wieliczka | Poronin | Jodłownik | Bochnia | Tarnów  | Kołaczyce | Dobrzeczków | Stara-<br>wieś | Ma-<br>niów | Jaro-<br>sław |
|-----------|---------|-----------|---------|---------|-----------|-------------|----------------|-------------|---------------|
| 3'7       | —       | 0'99      | —       | 0'90    | —         | 3'11        | 0'5            | 10'75 *     | —             |
| 2'3 *     | 6'05 *  | 4'87 *    | 8'0     | 2'48 *  | 9'74 *    | 1'44 *      | 5'1 *          | 3'28 Δ      | 6'8           |
| —         | 0'34 *  | 3'11 *    | —       | 1'04 *Δ | —         | 2'66        | 4'2 *          | 1'17 *Δ     | —             |
| 2'2       | 1'44    | —         | —       | 0'14    | —         | —           | —              | —           | —             |
| —         | —       | 1'85      | —       | 5'41    | —         | 2'30        | 2'0            | 6'65        | —             |
| —         | 1'58    | —         | —       | 0'90    | —         | 2'53        | 0'5            | —           | 2'3           |
| 2'8       | —       | —         | —       | —       | —         | —           | 0'3            | 5'41        | —             |
| 0'6       | 2'93    | 2'19      | —       | —       | —         | —           | —              | —           | —             |
| —         | —       | —         | —       | —       | —         | —           | —              | 0'02        | —             |
| —         | —       | —         | —       | —       | —         | —           | —              | —           | —             |
| 4'9       | —       | —         | —       | —       | —         | —           | —              | —           | —             |
| 12'7      | 17'14   | 20'26     | —       | 2'48    | —         | 0'79        | —              | 11'18       | —             |
| —         | 2'71    | —         | 12'0    | 15'41   | 15'99 *   | 3'88 *      | 6'4 *          | 0'88 *      | 28'4          |
| —         | —       | —         | —       | —       | —         | —           | —              | —           | 3'6           |
| 2'3 *     | 7'78 *  | 9'02 *    | —       | *Δ      | *Δ        | 0'14        | 1'7            | 5'11 *      | —             |
| 4'6 *     | 4'99 *  | 3'88 *    | 13'0    | 2'19 *  | —         | 4'22 *      | 4'2 *          | 0'90 *      | 3'8 *         |
| —         | 0'47 *  | —         | —       | 0'81 *  | 6'14 *    | 3'52 *      | 0'8            | 5'79 *      | —             |
| 6'2 *     | 1'04 *  | 8'12 *    | —       | 1'53 *  | *         | 2'84 *      | 5'3 *          | 9'00        | 6'8 *         |
| 5'8 *     | 1'22 *  | 3'43 *    | —       | 5'50    | *         | 0'27        | 5'6            | 2'90 *      | 12'5 *        |
| 0'7 *     | 3'86 *  | 2'44      | —       | 2'39    | —         | —           | 0'4            | 8'29 *      | —             |
| 8'8 *     | 15'18 * | 21'79 *   | 33'0 *  | 1'76 *  | *         | 4'47 *      | 7'7 *          | 16'30 *     | 2'6 *         |
| 3'1 *     | 4'94 *  | 7'74 *    | 47'0 *  | 10'87 * | *         | 8'12 *      | 4'8 *          | 7'78 *      | 20'3 *        |
| 0'2 *     | —       | 1'44 *    | 49'0 *  | 2'71 *  | —         | 2'00 *      | 5'7            | 0'13 *      | 1'2 *         |
| —         | —       | —         | —       | 0'41    | —         | 0'11        | 0'2 *          | 0'02        | —             |
| —         | —       | —         | —       | —       | —         | —           | —              | —           | —             |
| —         | —       | —         | —       | 0'14    | —         | —           | —              | —           | —             |
| —         | —       | —         | —       | 0'45    | —         | —           | —              | —           | —             |
| 0'2       | 1'76    | 0'23      | —       | —       | —         | —           | —              | —           | 2'7           |
| —         | —       | 0'45      | —       | —       | 10'60     | —           | —              | 1'85        | —             |
| 1'5       | 7'44    | 4'92      | 4'0     | 0'07    | 10'06     | 0'09        | —              | 0'12        | —             |
| 62'6      | 80'87   | 96'73     | 166'0   | 57'59   | 52'53     | 52'15       | 55'4           | 97'56       | 91'0          |



Kwiecień 1877 r.

Ilość opadu

Maj 1877 roku.

| Dzień         | Dro-<br>ho-<br>bycz | Lwów  | Stani-<br>sła-<br>wów | Zło-<br>czów | Koło-<br>myja | Tar-<br>nopol | Biél-<br>sko | Ży-<br>wiec | Wado-<br>wice |
|---------------|---------------------|-------|-----------------------|--------------|---------------|---------------|--------------|-------------|---------------|
| 1             | 1'6                 | 6'6   | 0'5                   | 0'5          | —             | —             | 7'2          | 6'1         | —             |
| 2             | 7'4                 | 2'8*  | 0'7                   | 8'4*         | 5'68*         | —             | —            | *           | —             |
| 3             | 10'8                | 0'9*  | 1'5**Δ                | 4'1*         | 1'17*         | 6'0           | Δ            | —           | *             |
| 4             | 1'1                 | —     | —                     | 0'7          | —             | 2'0*          | 3'35*        | 1'0*        | *             |
| 5             | —                   | 13'6  | 2'9 Δ                 | —            | 5'66          | —             | —            | *           | —             |
| 6             | 7'4                 | —     | 1'1                   | 2'1          | —             | —             | 6'12         | —           | 7'69          |
| 7             | —                   | 5'3   | —                     | —            | 12'02         | —             | —            | 10'4        | —             |
| 8             | —                   | 0'8   | 10'1                  | 8'7          | 3'18          | 13'3          | —            | —           | 9'59          |
| 9             | 0'4                 | —     | —                     | 2'0          | —             | 4'6           | 8'79         | 12'3        | 18'99         |
| 10            | —                   | —     | —                     | —            | —             | —             | 4'15         | —           | 4'60          |
| 11            | —                   | —     | —                     | —            | —             | —             | 1'4          | 5'8         | 8'21          |
| 12            | —                   | 1'4   | —                     | —            | —             | —             | 4'5          | —           | —             |
| 13            | 2'2                 | 0'2*  | 5'2                   | 0'7          | 7'11          | —             | —            | 3'9         | 18'61         |
| 14            | —                   | —     | *Δ                    | 5'3*         | Δ             | 6'0           | 8'38         | —           | —             |
| 15            | —                   | 7'2*  | 2'6                   | —            | 6'77          | —             | —            | 10'2        | 25'76         |
| 16            | 8'1**Δ              | —     | 13'6**Δ               | 2'4*         | 0'97*         | —             | 6'7          | —           | 28'06         |
| 17            | 8'7                 | 8'1*  | 1'7*                  | —            | 1'47*         | —             | 35'7         | 40'1        | 24'41         |
| 18            | 11'05*              | 12'8* | 1'3                   | 4'1          | 0'52          | 5'0           | 1'3          | —           | —             |
| 19            | 9'0*                | 1'6   | 0'1                   | 6'7*         | —             | 2'0           | 10'93        | 15'0        | 22'69         |
| 20            | 3'0*                | 5'8*  | 3'2                   | 1'2          | 9'93          | —             | 18'43        | —           | 12'27         |
| 21            | 11'0*               | 12'4  | 0'2*                  | 4'0*         | 33'61*        | 4'5*          | 8'05         | 13'9        | 1'85          |
| 22            | 11'5*               | 0'9   | 10'2                  | 17'6*        | 12'47*        | 21'0*         | 17'55        | 17'7        | 22'69         |
| 23            | —                   | 0'8   | —                     | 9'5*         | 0'70*         | 0'0*          | 27'2         | 29'0        | 1'62          |
| 24            | 10'9*               | 0'2   | —                     | 2'0*         | —             | 1'7*          | 8'36         | 2'5         | 10'29         |
| 25            | —                   | —     | —                     | 1'0          | 8'82          | —             | 1'6          | 1'1         | —             |
| 26            | —                   | —     | 2'5                   | 0'5          | 5'30*         | —             | —            | —           | —             |
| 27            | —                   | 0'6   | —                     | —            | —             | —             | 2'96         | 2'3         | 3'20          |
| 28            | —                   | —     | —                     | 2'0          | 0'65 Δ        | —             | —            | —           | —             |
| 29            | —                   | —     | —                     | —            | 8'23          | —             | —            | —           | —             |
| 30            | 11'0                | 1'3   | —                     | —            | —             | —             | —            | —           | 1'78          |
| 31            | —                   | —     | —                     | —            | —             | —             | 7'35         | 1'4         | 5'28          |
| Suma<br>opadu | 115'15              | 83'3  | 57'4                  | 83'5         | 124'26        | 75'1          | 190'06       | 172'7       | 227'59        |

w millimetrach.

| Sucha  | Czer-<br>ni-<br>chów | Kra-<br>ków | Wie-<br>liczka | Poron-<br>in | Jodło-<br>wnik | Kry-<br>nica | Tar-<br>nów | Koła-<br>czyce | Do-<br>brze-<br>chów |
|--------|----------------------|-------------|----------------|--------------|----------------|--------------|-------------|----------------|----------------------|
| 9'25   | —                    | 0'14        | 0'4            | 20'32*       | 8'71           | 2'73         | 5'78        | —              | 5'05                 |
| —      | —                    | —           | —              | 2'48*        | 0'18           | *            | 0'27        | —              | —                    |
| 1'11*  | 0'50*                | —           | 1'3*           | 4'11*        | 0'45*          | *            | 0'27 Δ      | Δ              | —                    |
| —      | 0'25*                | 0'50        | 0'3*           | 2'37*        | —              | *            | 0'99 Δ      | *              | —                    |
| —      | 0'80                 | 1'22        | 3'5            | 0'99         | —              | *            | 0'25        | —              | 2'03                 |
| —      | 8'30                 | 4'51        | 4'0            | 1'53         | 8'26           | 5'03         | 1'26        | 4'44           | 1'99                 |
| —      | —                    | —           | —              | —            | —              | —            | 1'29        | —              | —                    |
| 1'53   | 0'25                 | —           | 1'1            | 0'14         | —              | —            | —           | —              | —                    |
| 5'87   | 5'43                 | 4'24        | 5'1            | 1'38         | 4'26           | —            | 0'81        | —              | 4'69                 |
| 3'61   | 0'45                 | —           | 0'7            | 3'36         | 1'06           | —            | 3'61        | —              | 0'18                 |
| —      | 0'95                 | 0'50        | 5'0            | —            | 0'05           | —            | 0'23        | 12'95 Δ        | 4'60                 |
| —      | 2'30                 | 2'35        | —              | —            | 0'52           | —            | 0'36        | —              | —                    |
| —      | —                    | —           | 5'3            | —            | —              | —            | 0'29        | —              | —                    |
| 18'50  | 9'62                 | 14'44       | 5'5            | 11'84        | 16'76          | 10'49        | 4'60        | 17'12          | 15'97                |
| 5'19   | 0'55                 | 0'14        | —              | —            | —              | —            | 10'06       | —              | —                    |
| 32'17  | 24'40                | 20'66       | 38'2           | 44'30        | 35'84          | 3'20         | 6'68        | 21'65          | 19'90                |
| 5'41   | 11'45                | 9'88        | 8'5            | 29'16        | 19'67          | 15'47        | 5'792       | —              | 2'48                 |
| —      | —                    | —           | 5'0            | 4'15         | 0'63           | 4'56         | 2'48        | 7'96           | —                    |
| 28'53  | 23'35                | 29'41       | 22'0           | 33'07        | 21'63          | 1'04         | 10'87       | —              | 13'76                |
| 22'83  | 4'75                 | 4'69        | 7'3            | 5'59         | 5'37           | 9'56         | 13'40       | 22'80          | 6'81                 |
| 4'87   | 6'20                 | 6'77        | 0'7            | 5'17         | 4'24           | 8'48         | 10'11       | 10'08          | 8'57                 |
| 25'26  | 17'45                | 22'42       | 13'2           | 7'92         | 13'08          | —            | 4'44        | —              | 4'65                 |
| 23'91  | 12'75                | 7'26        | 3'6            | 10'94        | 9'45           | 1'60         | 5'60        | —              | 2'30                 |
| 1'94   | 3'75                 | 6'36        | 12'5           | 3'18         | 9'47           | 9'77         | 5'53        | 12'14          | 5'10                 |
| —      | —                    | —           | —              | —            | —              | 1'65         | 1'04        | —              | —                    |
| —      | —                    | —           | 1'3            | —            | —              | —            | —           | —              | —                    |
| 1'71   | 0'85                 | 3'25        | 0'3            | 3'97         | 3'93           | —            | 1'06        | 2'62           | 0'23                 |
| —      | —                    | —           | —              | 0'05         | —              | —            | 0'32        | —              | —                    |
| —      | —                    | —           | —              | —            | —              | —            | —           | —              | —                    |
| —      | —                    | 0'63        | 1'8            | —            | —              | —            | —           | —              | —                    |
| 1'02   | 7'10                 | 7'13        | 9'2            | —            | 0'72           | —            | 0'20        | —              | 0'72                 |
| 192'71 | 141'45               | 146'50      | 155'8          | 196'02       | 164'28         | 73'58        | 148'70      | 111'76         | 99'03                |



Maj 1877 r.

## Wiosna opadła

| Dzień      | Starawiec | Maniów  | Jarosław | Drohobycz | Lwów | Stanisławów | Złoczów | Kołomyja | Tarnopol |
|------------|-----------|---------|----------|-----------|------|-------------|---------|----------|----------|
| 1          | 12'6      | 3'37 *  | —        | 10'4      | 4'5  | —           | —       | —        | —        |
| 2          | 1'4 *     | 3'59 *  | —        | —         | 0'5  | 5'1         | —       | 17'75    | —        |
| 3          | — *       | —       | —        | —         | —    | 3'4         | 1'0     | 0'56     | 11'5 *   |
| 4          | 0'6 *     | 10'24 * | —        | —         | 1'8  | 2'1         | 0'3 *   | 0'36     | —        |
| 5          | — *       | 16'82   | —        | 11'1 *    | 11'1 | 4'2         | 6'0 *   | 0'14     | 2'1      |
| 6          | 7'1       | 4'36    | 4'9      | 15'4      | 11'8 | 1'3         | 5'3     | 8'71     | 5'2 *    |
| 7          | 3'2       | —       | 3'7      | —         | —    | 2'5         | 3'8     | —        | 20'4     |
| 8          | —         | —       | —        | —         | —    | —           | —       | —        | —        |
| 9          | 2'0       | 5'72    | —        | 0'15      | 3'5  | 0'7         | —       | 5'55     | —        |
| 10         | 1'4       | 3'79    | —        | 3'1       | 0'2  | —           | 5'0     | —        | 10'9     |
| 11         | 1'0       | 0'34    | —        | —         | 1'9  | 0'3         | 0'8     | —        | 2'8      |
| 12         | 2'0       | 1'07    | 1'7      | —         | —    | —           | 2'8     | —        | 3'25     |
| 13         | —         | —       | —        | 0'2       | —    | —           | —       | —        | —        |
| 14         | 3'8       | 6'38    | —        | —         | 2'6  | —           | —       | 2'03     | —        |
| 15         | —         | —       | 1'8      | —         | —    | 2'0         | 3'8     | 12'18    | 2'4      |
| 16         | 1'0       | 6'52    | 6'7      | —         | —    | —           | —       | —        | 1'0      |
| 17         | 16'3      | 2'28    | 3'5      | 1'2       | 2'1  | —           | —       | 20'23    | —        |
| 18         | 9'8       | 10'38   | —        | 4'0       | 11'4 | 13'7        | 0'3     | 6'40     | —        |
| 19         | 12'5      | 9'00    | 6'2      | 61'8      | 16'0 | 15'2        | 3'7     | 5'35     | 11'2     |
| 20         | 8'6       | 16'82   | 24'8     | —         | —    | —           | 14'0    | —        | 2'6      |
| 21         | 9'8       | 1'42    | 4'6      | 1'5       | 4'3  | —           | —       | —        | —        |
| 22         | 3'3       | 2'19    | —        | 3'5       | 0'8  | 13'5        | 35'0    | 25'47    | 6'0      |
| 23         | 0'6       | 19'23   | —        | —         | 2'0  | —           | 4'0     | 12'34    | 11'75    |
| 24         | 10'6      | 0'40    | —        | 19'2      | 5'9  | 13'1        | 10'7    | 18'34    | 2'5      |
| 25         | —         | —       | —        | —         | —    | —           | 6'3     | —        | 9'3      |
| 26         | —         | —       | —        | —         | 1'9  | —           | —       | 0'11     | —        |
| 27         | 2'0       | 3'06    | —        | 0'3       | 1'6  | —           | 0'8     | 8'01     | —        |
| 28         | 0'6       | —       | 3'7      | —         | —    | —           | 2'4     | —        | 2'0      |
| 29         | —         | —       | —        | —         | —    | —           | —       | —        | —        |
| 30         | —         | —       | —        | —         | —    | —           | —       | —        | —        |
| 31         | 0'9       | 3'03    | —        | —         | 1'9  | 1'1         | —       | 1'69     | —        |
| Suma opadu | 111'1     | 130'01  | 61'6     | 131'85    | 85'8 | 78'2        | 106'0   | 145'26   | 104'90   |

**w millimetrach.**

Czerwiec 1877 r.

| Bielsko | Żywiec | Wadowice | Sucha  | Czer-<br>ni-<br>chów | Zako-<br>pane | Kra-<br>ków | Wie-<br>liczka | Rabka | Poro-<br>nin | Jodlo-<br>wiuk |
|---------|--------|----------|--------|----------------------|---------------|-------------|----------------|-------|--------------|----------------|
| —       | 4'4    | —        | —      | —                    | —             | —           | —              | —     | —            | —              |
| 8'2     | —      | 7'71     | 7'71   | 3'00                 | —             | 4'06        | 7'0            | —     | 2'73         | 6'14           |
| —       | —      | —        | —      | —                    | —             | —           | —              | —     | —            | —              |
| —       | —      | —        | —      | —                    | —             | —           | —              | —     | —            | —              |
| —       | —      | —        | —      | —                    | —             | —           | —              | —     | —            | —              |
| —       | —      | —        | 4'69   | 0'20                 | —             | —           | —              | —     | 2'14         | 1'02           |
| —       | —      | 12'09Δ   | —      | 6'10                 | —             | 4'02        | 2'0            | —     | 10'99        | —              |
| 7'65    | 9'1    | —        | —      | —                    | —             | —           | —              | —     | 2'68         | 0'68           |
| —       | —      | —        | —      | —                    | —             | —           | —              | —     | 1'22         | —              |
| —       | —      | —        | —      | —                    | —             | —           | —              | —     | —            | —              |
| —       | 39'5   | 32'21    | 12'18  | 5'35                 | 28'38         | 22'60       | 9'2            | Δ     | 9'83         | 3'32           |
| 14'15   | 9'6    | —        | —      | 5'40                 | —             | —           | —              | 15'11 | —            | 2'75           |
| —       | —      | 2'01     | 4'74   | 1'70                 | —             | 3'34Δ       | 0'4            | —     | —            | 0'38           |
| 1'7     | 1'5    | 3'20     | 1'35   | 1'80                 | —             | 0'22        | 1'2            | 2'30  | 0'25         | 1'85           |
| —       | —      | —        | —      | —                    | —             | —           | —              | 0'18  | —            | —              |
| —       | —      | —        | —      | —                    | —             | —           | —              | —     | —            | —              |
| —       | —      | —        | —      | —                    | 15'43         | —           | 1'7            | —     | —            | —              |
| 3'6     | 1'5    | —        | —      | 1'10                 | 35'44         | 1'38        | —              | —     | —            | —              |
| —       | —      | 2'84     | 4'06   | 1'15                 | —             | 0'18        | —              | 5'64  | 2'53         | —              |
| 9'25    | 7'9    | —        | 7'67   | 4'75                 | 11'68         | 4'20        | 14'5           | 2'98  | 10'47        | 9'93           |
| —       | —      | —        | 42'40  | 0'60                 | —             | 3'88        | 50'2           | 10'06 | 1'99         | 1'94           |
| 49'87   | 35'5   | —        | —      | 37'85                | —             | 45'75       | 0'3            | 31'44 | 27'95        | 31'76          |
| —       | —      | —        | —      | —                    | —             | —           | —              | —     | —            | —              |
| —       | —      | —        | —      | —                    | —             | —           | —              | —     | —            | —              |
| —       | —      | —        | —      | —                    | —             | —           | —              | —     | —            | —              |
| —       | —      | —        | 16'02  | —                    | 35'03         | 2'26        | 10'4           | —     | 4'92         | —              |
| 7'1     | 10'6   | 5'55     | —      | 18'50                | 21'68         | 25'13       | 11'2           | 19'08 | 15'43        | 30'02          |
| 4'58    | 8'7    | —        | —      | 2'00                 | —             | —           | —              | —     | —            | —              |
| 106'10  | 128'3  | 65'61    | 100'82 | 89'50                | 147'64        | 117'02      | 108'5          | 84'79 | 93'13        | 89'79          |



## Ilość opadu

Czerwiec 1877 roku.

| Dzień         | Bochnia | Krynica | Tarnów | Końskie | Do-<br>brzechów | Stara-<br>wieś | Ma-<br>niów | Jaro-<br>sław | Dro-<br>ho-<br>bycz |
|---------------|---------|---------|--------|---------|-----------------|----------------|-------------|---------------|---------------------|
| 1             | —       | —       | 1'83   | —       | —               | —              | —           | —             | —                   |
| 2             | —       | 0'47    | —      | —       | —               | —              | 53'00       | —             | —                   |
| 3             | —       | —       | —      | —       | —               | —              | —           | —             | —                   |
| 4             | —       | —       | —      | —       | —               | —              | —           | —             | —                   |
| 5             | —       | —       | —      | —       | —               | —              | —           | —             | —                   |
| 6             | —       | —       | —      | —       | —               | —              | —           | —             | —                   |
| 7             | —       | 18'97   | —      | 23'01   | —               | —              | —           | 28'5          | —                   |
| 8             | —       | —       | —      | 0'20    | —               | —              | —           | 4'6           | —                   |
| 9             | 4'0     | 3'20    | —      | —       | 3'38            | —              | 13'02Δ      | —             | —                   |
| 10            | —       | —       | 15'84  | —       | —               | 3'2            | —           | 6'5           | —                   |
| 11            | —       | —       | —      | —       | —               | —              | —           | —             | —                   |
| 12            | —       | —       | —      | —       | —               | —              | —           | —             | —                   |
| 13            | —       | 19'49   | —      | 8'80    | 9'20            | —              | 12'44       | —             | 1'8                 |
| 14            | —       | —       | 7'49   | —       | —               | 8'2            | —           | 22'8          | —                   |
| 15            | —       | —       | —      | —       | —               | —              | —           | —             | —                   |
| 16            | —       | —       | 0'32   | —       | —               | —              | 0'04        | 3'3           | —                   |
| 17            | —       | —       | 0'07   | —       | —               | —              | —           | 8'7           | —                   |
| 18            | —       | —       | —      | —       | —               | —              | —           | —             | —                   |
| 19            | —       | —       | —      | —       | —               | —              | —           | —             | —                   |
| 20            | —       | —       | —      | —       | —               | —              | —           | —             | 5'1                 |
| 21            | —       | 1'83    | 0'05   | —       | —               | 2'4            | 1'10        | 4'5           | —                   |
| 22            | —       | —       | —      | 3'16    | 0'27            | —              | —           | —             | —                   |
| 23            | —       | 2'89    | 3'47   | 2'48    | —               | —              | 20'18       | —             | —                   |
| 24            | 22'0    | 16'33   | 65'59  | —       | 0'52            | 11'5           | 45'02       | 2'3           | 4'5                 |
| 25            | —       | 2'37    | 7'81   | 16'87   | 8'41            | 14'3           | 1'76        | 8'7           | 15'5                |
| 26            | —       | —       | 2'44   | —       | —               | 0'4            | —           | —             | —                   |
| 27            | —       | —       | —      | —       | —               | —              | —           | —             | —                   |
| 28            | 18'0    | 17'17   | —      | —       | —               | —              | 11'30       | —             | —                   |
| 29            | 6'0     | 6'45    | 8'84   | 20'21   | 13'44           | 8'0            | 2'90        | 8'4           | 19'0                |
| 30            | —       | —       | 4'33   | —       | —               | 0'5            | —           | —             | —                   |
| 31            | —       | —       | —      | —       | —               | —              | —           | —             | —                   |
| Suma<br>opadu | 50'0    | 89'17   | 108'08 | 74'73   | 35'22           | 48'5           | 160'76      | 69'8          | 74'4                |

## w millimetrach.

Lipiec 1877 roku.

| Lwów | Stani-<br>sław-<br>wów | Zło-<br>czów | Koło-<br>myja | Tarno-<br>pol | Biels-<br>ko | Ży-<br>wiec | Wado-<br>wice | Sucha  | Czer-<br>ni-<br>chów |
|------|------------------------|--------------|---------------|---------------|--------------|-------------|---------------|--------|----------------------|
| —    | —                      | 3'0          | —             | —             | —            | —           | —             | —      | —                    |
| —    | —                      | —            | —             | —             | —            | —           | 2'84          | —      | —                    |
| —    | —                      | —            | —             | —             | —            | —           | 1'04          | 20'57  | 6'10                 |
| —    | —                      | —            | —             | —             | —            | 36'6        | 6'32          | 10'20  | —                    |
| —    | —                      | —            | —             | —             | 40'48        | —           | 7'81          | —      | —                    |
| —    | —                      | —            | —             | —             | 16'87        | 16'9        | —             | —      | 7'20                 |
| —    | —                      | —            | —             | —             | 3'30         | —           | —             | 7'22   | 0'20                 |
| —    | —                      | —            | —             | —             | 2'70         | 7'0         | 14'48         | —      | 1'90                 |
| 6'9  | —                      | —            | —             | 3'4           | 1'39         | 3'2         | 18'63         | 14'44  | 2'70                 |
| —    | 1'6                    | —            | —             | 1'0           | 9'20         | 5'9         | 5'52          | 3'38   | 2'00                 |
| —    | —                      | 0'5          | —             | —             | 1'56         | —           | —             | 10'04  | 5'50                 |
| —    | —                      | —            | —             | —             | —            | 3'4         | —             | 1'69   | —                    |
| 3'0  | —                      | —            | —             | —             | 7'87         | —           | —             | —      | 1'50                 |
| —    | 2'2                    | 1'4          | 0'52          | —             | 5'40         | 1'7         | 0'59          | —      | —                    |
| 18'3 | —                      | —            | —             | —             | 1'40         | —           | 0'95          | —      | —                    |
| 1'2  | —                      | 1'6          | —             | 3'5           | —            | —           | 19'17         | 9'59   | 1'60                 |
| —    | —                      | 0'5          | —             | —             | 19'40        | 23'9        | 2'17          | 17'71  | 23'30                |
| —    | —                      | 1'6          | —             | —             | 12'20        | 5'3         | 38'29         | 31'94  | 13'65                |
| —    | —                      | —            | —             | —             | 11'70        | 26'1        | 22'92         | 9'38   | 31'35                |
| 6'5  | —                      | 0'4          | —             | —             | —            | —           | —             | 9'47   | 9'25                 |
| 0'7  | —                      | 4'8          | 0'54          | 3'75Δ         | 4'00         | 1'4         | —             | —      | 1'40                 |
| —    | —                      | 19'8         | —             | 10'50Δ        | —            | —           | —             | —      | —                    |
| 10'6 | —                      | —            | —             | —             | —            | —           | —             | —      | —                    |
| 10'6 | 11'6                   | 1'8          | 24'38         | 2'15          | —            | —           | —             | 8'57   | —                    |
| 8'5  | 12'9                   | 5'4          | 44'16         | 3'10          | —            | —           | —             | —      | —                    |
| 1'4  | 11'7                   | 14'2         | 0'56          | 10'75         | —            | —           | —             | 6'54   | 0'20                 |
| —    | —                      | 1'2          | 1'92          | —             | 0'50         | —           | —             | 13'53  | 1'85                 |
| 19'1 | —                      | —            | —             | —             | —            | 2'5         | 4'02          | 3'79   | 1'30                 |
| 6'4  | 2'2                    | 18'8         | 7'22          | —             | —            | —           | —             | —      | 4'00                 |
| —    | 2'5                    | 2'8          | 2'71          | 2'80          | —            | —           | —             | 3'29   | 0'25                 |
| —    | —                      | —            | —             | —             | —            | 4'4         | —             | —      | —                    |
| 93'0 | 43'7                   | 77'8         | 82'01         | 40'95         | 137'99       | 137'4       | 164'38        | 177'47 | 125'25               |



## Ilość opadu

Lipiec 1877 roku.

| Dzień         | Zako-<br>pane | Kra-<br>ków | Wie-<br>liczka | Rabka  | Poro-<br>nin | Jodło-<br>wnik | Boch-<br>nia | Kry-<br>nica | Tar-<br>nów |
|---------------|---------------|-------------|----------------|--------|--------------|----------------|--------------|--------------|-------------|
| 1             | —             | —           | —              | —      | —            | —              | —            | —            | —           |
| 2             | —             | —           | —              | —      | —            | —              | —            | —            | —           |
| 3             | —             | 7'67        | 1'4            | —      | —            | 1'17           | —            | —            | —           |
| 4             | —             | 1'92        | 5'0            | 5'28   | 7'29         | 3'23           | 9'7          | 2'71         | 0'02        |
| 5             | 9'59          | 2'75        | 4'5            | 4'11   | —            | —              | —            | —            | 1'74        |
| 6             | —             | 3'16        | 10'4           | 2'37   | 6'45         | 25'44Δ         | —            | 1'85         | —           |
| 7             | 20'02         | 1'80        | 2'3            | 3'61   | 1'42         | —              | —            | 25'44        | 4'60        |
| 8             | 14'60         | 0'54        | 0'4            | 2'30   | 9'33         | 1'90           | —            | 12'25        | 2'89        |
| 9             | 10'01         | 2'26        | 6'7            | 1'58   | 22'67        | 9'20           | —            | 1'53         | 2'05        |
| 10            | 24'19         | 2'75        | 4'0            | 6'50   | 2'68         | 3'63           | 8'4          | 5'14         | 0'54        |
| 11            | —             | 0'86        | —              | 14'93  | 4'60         | 1'96           | —            | 3'79         | 6'14        |
| 12            | —             | 4'60        | —              | 1'44   | 2'08         | —              | —            | —            | 5'53        |
| 13            | —             | —           | 6'4            | 1'08   | 3'20         | —              | —            | —            | 0'05        |
| 14            | —             | 4'06        | 13'2           | —      | —            | 8'39           | —            | 7'78         | 0'54        |
| 15            | —             | —           | —              | 1'62   | —            | —              | —            | —            | —           |
| 16            | —             | 10'87       | 38'2           | —      | —            | 1'11           | —            | —            | —           |
| 17            | 36'70         | 10'33       | 9'8            | 0'07   | —            | 4'92           | —            | —            | 19'04       |
| 18            | 75'06         | 8'08        | 12'4           | 2'26   | 15'38        | 12'79          | 66'7         | 17'23        | 11'78       |
| 19            | —             | 28'01       | 19'3           | 18'95  | 23'19        | 17'37          | 44'9         | 3'77         | 24'50       |
| 20            | —             | 2'62        | —              | 16'92  | 0'29         | 0'81           | —            | —            | 18'18       |
| 21            | —             | 1'35        | 0'7            | 1'13   | —            | 0'47           | —            | —            | 0'95        |
| 22            | —             | —           | —              | —      | —            | —              | —            | —            | 0'68        |
| 23            | —             | —           | —              | —      | —            | —              | —            | —            | —           |
| 24            | —             | —           | —              | —      | —            | —              | —            | —            | —           |
| 25            | —             | —           | —              | —      | —            | —              | —            | —            | —           |
| 26            | 34'61         | 0'81        | 2'0            | —      | 16'67        | 6'40           | 43'4         | 44'30        | —           |
| 27            | 21'68         | 5'05        | 8'0            | 20'39  | 8'84         | 8'84           | 59'6         | 13'17        | —           |
| 28            | —             | 0'45        | —              | 8'39   | 23'93        | 2'03           | —            | —            | —           |
| 29            | —             | —           | —              | —      | —            | —              | —            | —            | —           |
| 30            | —             | —           | 1'2            | —      | 1'35         | —              | —            | —            | —           |
| 31            | —             | —           | —              | 1'40   | —            | —              | —            | —            | —           |
| Suma<br>opadu | 246'46        | 99'94       | 145'9          | 114'33 | 141'13       | 109'66         | 232'7        | 138'96       | 99'23       |

## w millimetrach.

| Koła-<br>czyce | Do-<br>brze-<br>chów | Stara-<br>wieś | Ma-<br>niów | Jaro-<br>sław | Dro-<br>ho-<br>bycz | Lwów  | Stani-<br>sła-<br>wów | Zło-<br>czów | Koło-<br>myja | Tarno-<br>pol |
|----------------|----------------------|----------------|-------------|---------------|---------------------|-------|-----------------------|--------------|---------------|---------------|
| —              | —                    | —              | —           | —             | —                   | —     | —                     | —            | —             | —             |
| —              | —                    | —              | —           | —             | —                   | —     | —                     | —            | —             | —             |
| 2'17           | —                    | —              | 11'23       | —             | 13'0                | 0'7   | 4'3                   | —            | 9'81          | —             |
| —              | —                    | —              | —           | 4'2           | —                   | —     | —                     | 0'3          | —             | —             |
| 0'99           | 0'68                 | —              | —           | —             | —                   | —     | —                     | —            | —             | —             |
| —              | 6'36                 | —              | —           | —             | —                   | —     | —                     | —            | 0'56          | —             |
| —              | 3'97                 | 2'4            | 24'26       | 6'0           | 55'4                | 23'2  | 2'1                   | —            | 36'99         | 13'4          |
| 14'21          | 11'50                | 19'0           | 0'26        | 12'2          | 2'5                 | 1'4   | 13'2                  | 16'0         | —             | —             |
| 5'50           | 6'81                 | 1'5            | 0'38        | —             | —                   | 12'1  | 1'7                   | 0'8          | 0'92          | —             |
| 0'41           | —                    | 6'3            | 1'30        | —             | 2'4                 | 4'2   | —                     | —            | 1'53          | —             |
| 4'80           | —                    | —              | —           | —             | —                   | —     | —                     | 2'2          | 6'07          | 4'6           |
| —              | —                    | —              | —           | —             | 0'3                 | —     | —                     | —            | —             | —             |
| —              | —                    | —              | —           | —             | —                   | —     | —                     | —            | —             | —             |
| 0'79           | 0'59                 | —              | —           | —             | —                   | 0'6   | —                     | —            | —             | —             |
| —              | 2'98                 | 7'0            | 12'14       | —             | —                   | 1'5   | —                     | —            | —             | —             |
| 0'14           | 4'74                 | 22'6           | 14'90       | 7'3           | 2'6                 | 0'5   | —                     | —            | —             | —             |
| —              | 18'23                | 27'6           | 30'70       | 2'2           | 11'3                | 14'1  | 2'3                   | 3'0          | 2'77          | 7'8           |
| 32'08          | 5'28                 | 3'8            | 9'88        | 79'4          | 13'1                | 26'1  | 2'0                   | 10'2         | —             | 3'3           |
| —              | —                    | —              | —           | 6'1           | 1'2                 | —     | —                     | 7'8          | —             | 1'5           |
| 1'80           | 2'48                 | 1'4            | —           | —             | —                   | —     | 1'5                   | 0'2          | 5'19          | —             |
| —              | —                    | —              | —           | —             | —                   | —     | 1'3                   | 6'4          | —             | —             |
| —              | —                    | —              | —           | —             | —                   | —     | —                     | 0'1          | —             | —             |
| —              | —                    | —              | —           | —             | —                   | —     | —                     | —            | —             | —             |
| —              | 5'05                 | 0'5            | 11'72       | 5'6           | 9'2                 | 9'5   | 12'5                  | —            | 1'26          | —             |
| 28'20          | 9'43                 | 13'0           | —           | 24'3          | 26'0                | 25'2  | 15'3                  | 12'1         | 2'77          | —             |
| 0'27           | 10'29                | 15'5           | 26'61       | 22'7          | 25'1                | 13'8  | 10'8                  | 21'7         | 0'79          | 8'7           |
| —              | —                    | 7'6            | 9'95        | 16'8          | 14'2                | 2'6   | 16'6                  | 38'0         | 1'58          | 14'8          |
| —              | —                    | 0'4            | 0'02        | —             | —                   | 0'2   | —                     | 1'7          | —             | 1'75          |
| —              | —                    | 0'2            | —           | —             | —                   | —     | —                     | —            | —             | —             |
| 91'36          | 88'39                | 12'88          | 153'35      | 186'8         | 176'3               | 135'7 | 83'6                  | 114'5        | 70'24         | 55'85         |



*Sierpień 1877 roku.*

| Dzień      | Bielsko | Żywiec | Wadowice | Sucha  | Czerlichów | Zakopane | Kraków | Wieliczka |
|------------|---------|--------|----------|--------|------------|----------|--------|-----------|
| 1          | —       | —      | —        | —      | —          | —        | —      | —         |
| 2          | —       | —      | —        | 41'59  | —          | —        | 18'54  | 35'7      |
| 3          | 8'2     | —      | 19'25    | 4'06   | 32'00      | 13'6     | 9'47   | 0'6       |
| 4          | 9'2     | 23'2   | —        | 3'79   | 0'50       | —        | 0'09   | 2'1       |
| 5          | —       | 1'9    | —        | —      | —          | —        | —      | —         |
| 6          | —       | —      | —        | 0'95   | —          | —        | —      | —         |
| 7          | —       | —      | —        | —      | —          | —        | —      | —         |
| 8          | —       | —      | —        | —      | —          | —        | —      | —         |
| 9          | —       | —      | —        | —      | —          | —        | 0'36   | 0'8       |
| 10         | 13'8    | 13'8   | 13'26    | 11'73  | 10'20      | 16'00    | 7'04   | 7'4       |
| 11         | —       | —      | —        | —      | —          | —        | —      | —         |
| 12         | —       | —      | 23'01    | 12'18  | 0'25       | —        | 1'40   | 2'0       |
| 13         | 24'0    | 65'2   | —        | 24'59  | 23'10      | —        | —      | 0'3       |
| 14         | 51'0    | —      | 32'12    | 4'11   | —          | —        | —      | —         |
| 15         | —       | —      | —        | —      | 2'65       | —        | 0'27   | —         |
| 16         | —       | 39'4   | 3'72     | 2'64   | 5'00       | —        | 19'85  | 16'5      |
| 17         | —       | —      | 4'02     | —      | —          | 20'0     | 0'14   | 1'7       |
| 18         | 12'4    | 28'1   | —        | —      | 9'50       | —        | 2'30   | 0'3       |
| 19         | —       | —      | —        | —      | —          | —        | —      | —         |
| 20         | 0'5     | 3'4    | 10'29    | 1'08   | —          | —        | 20'39  | 7'3       |
| 21         | —       | —      | —        | —      | 0'20       | —        | —      | 0'4       |
| 22         | 7'3     | —      | —        | 3'61   | 7'00       | —        | 0'63   | 2'3       |
| 23         | 2'0     | 3'6    | 14'48    | 4'42   | 1'85       | —        | 8'48   | 18'6      |
| 24         | 31'5    | 8'6    | 10'33    | —      | 25'40      | 22'0     | 16'47  | —         |
| 25         | —       | —      | 5'32     | —      | —          | —        | —      | —         |
| 26         | —       | —      | —        | —      | —          | —        | —      | —         |
| 27         | 1'0     | —      | —        | —      | —          | —        | —      | —         |
| 28         | —       | —      | 3'52     | —      | —          | —        | —      | —         |
| 29         | —       | —      | —        | —      | —          | —        | —      | —         |
| 30         | —       | —      | 7'71     | —      | —          | —        | —      | —         |
| 31         | —       | —      | —        | —      | —          | —        | 1'94   | 5'5       |
| Suma opadu | 160'9   | 187'2  | 147'04   | 114'75 | 117'65     | 71'0     | 107'37 | 101'5     |

w millimetrach.

[illegible]



## Ilość opadu

Sierpień 1877 r.

Wrzesień 1877 r.

| Dzień         | Lwów | Stani-<br>sław-<br>wów | Zło-<br>czów | Koło-<br>myja | Tar-<br>nopol | Biél-<br>sko | Ży-<br>wiec | Sucha | Czer-<br>ni-<br>chów |
|---------------|------|------------------------|--------------|---------------|---------------|--------------|-------------|-------|----------------------|
| 1             | —    | —                      | —            | —             | —             | 3'9          | 7'3         | 2'71  | 5'65                 |
| 2             | —    | —                      | —            | —             | —             | 1'5          | —           | 4'78  | 0'65                 |
| 3             | 4'3  | 2'5                    | —            | —             | —             | 3'0          | 4'4         | 0'95  | 0'20                 |
| 4             | 1'3  | 0'5                    | 7'0          | —             | 3'0           | 3'7          | 1'3         | 4'42  | 1'45                 |
| 5             | —    | —                      | 2'3          | —             | —             | —            | —           | —     | —                    |
| 6             | —    | —                      | —            | —             | —             | —            | —           | —     | —                    |
| 7             | —    | —                      | —            | —             | —             | —            | —           | —     | —                    |
| 8             | —    | —                      | —            | —             | —             | 9'4          | —           | 4'87  | 7'15                 |
| 9             | —    | —                      | —            | —             | —             | —            | 7'9         | —     | —                    |
| 10            | —    | —                      | —            | —             | —             | —            | —           | —     | —                    |
| 11            | —    | —                      | —            | —             | —             | 2'9          | —           | —     | —                    |
| 12            | —    | 0'1                    | —            | 8'57          | —             | —            | —           | —     | —                    |
| 13            | —    | —                      | —            | —             | —             | 3'8          | —           | 6'32  | 5'60                 |
| 14            | —    | —                      | —            | —             | —             | —            | 4'8         | —     | —                    |
| 15            | —    | —                      | —            | —             | —             | 0'3          | —           | —     | 0'30                 |
| 16            | —    | —                      | —            | —             | —             | 5'8          | —           | 9'38  | 2'30                 |
| 17            | —    | 1'6                    | —            | 8'23          | —             | 2'7          | 2'5         | —     | 4'75                 |
| 18            | 4'2  | 17'0                   | 0'2          | 9'81          | —             | 6'1          | 2'1         | 6'05  | 2'15                 |
| 19            | —    | —                      | 1'9          | —             | 13'4          | —            | —           | —     | —                    |
| 20            | 7'5  | 0'5                    | 0'5          | 1'94          | —             | 1'2          | 1'9         | —     | 0'20                 |
| 21            | 11'1 | 5'2                    | 3'3          | —             | 7'4           | —            | —           | —     | —                    |
| 22            | —    | 0'2                    | 1'6          | —             | —             | 3'6          | 2'6         | 7'67  | 2'00                 |
| 23            | —    | —                      | —            | —             | —             | —            | —           | —     | —                    |
| 24            | 10'9 | 0'6                    | —            | —             | —             | —            | 0'6         | 5'89  | —                    |
| 25            | —    | —                      | 0'3          | —             | —             | 11'7         | —           | 7'08  | 5'55                 |
| 26            | —    | —                      | —            | —             | —             | —            | —           | 3'34△ | 1'20                 |
| 27            | —    | 0'5                    | —            | —             | 0'9           | —            | 11'2        | —     | —                    |
| 28            | —    | —                      | —            | —             | —             | —            | 2'3         | 7'11  | 0'95                 |
| 29            | —    | —                      | —            | —             | —             | —            | 0'4         | —     | —                    |
| 30            | —    | —                      | —            | —             | —             | —            | —           | —     | —                    |
| 31            | 1'4  | 2'6                    | —            | —             | —             | —            | —           | —     | —                    |
| Suma<br>opadu | 40'7 | 31'3                   | 17'1         | 28'55         | 24'7          | 59'6         | 49'3        | 70'57 | 40'10                |

## w millimetrach.

| Kra-<br>ków | Wie-<br>liczka | Poro-<br>nin | Jodło-<br>wnik | Boch-<br>nia | Kry-<br>nica | Tar-<br>nów | Koła-<br>czyce | Do-<br>brze-<br>chów |
|-------------|----------------|--------------|----------------|--------------|--------------|-------------|----------------|----------------------|
| 1'94        | —              | 4'51         | 1'02           | —            | —            | —           | —              | 5'14                 |
| 0'50        | 1'5            | 1'40         | 0'83           | 14'44        | 3'65         | —           | —              | 1'94                 |
| 0'09        | —              | 4'74         | 2'62           | —            | —            | —           | —              | 0'36                 |
| 2'12        | 0'3            | 4'56         | 3'65           | —            | 5'68         | —           | —              | 6'72                 |
| —           | —              | —            | —              | —            | —            | —           | —              | —                    |
| —           | —              | —            | —              | —            | —            | —           | —              | —                    |
| —           | —              | —            | —              | —            | —            | —           | —              | —                    |
| 1'31        | 0'5            | 6'47         | 8'50           | 7'22         | 1'44         | —           | 13'69          | 7'81                 |
| —           | —              | —            | —              | —            | —            | —           | —              | —                    |
| —           | —              | —            | —              | —            | —            | —           | —              | —                    |
| —           | —              | —            | —              | —            | —            | —           | —              | —                    |
| 4'38        | 11'5           | —            | 2'84           | —            | 3'79         | 4'06        | 8'41           | 2'89                 |
| 0'05        | —              | —            | —              | 15'11        | 0'86         | 2'68        | —              | 2'93                 |
| 0'16        | 0'6            | —            | —              | —            | —            | —           | 2'03           | —                    |
| 4'02        | 0'3            | 3'90         | 6'18           | —            | —            | 2'82        | 0'52           | 0'45                 |
| 1'13        | 3'0            | —            | —              | —            | —            | 4'17        | —              | 2'21                 |
| 1'15        | 2'3            | 4'02 *       | 6'65           | 8'35         | 3'27         | 0'34        | 3'61           | 3'74                 |
| 0'09        | —              | —            | —              | —            | —            | 0'23        | —              | —                    |
| 0'45        | 0'4            | —            | 0'45           | —            | —            | —           | —              | 0'23                 |
| 0'36        | 0'7            | 0'63         | 0'50           | —            | 2'84         | 7'67        | —              | 4'20                 |
| 1'35        | —              | 11'82        | 1'99           | —            | 2'32         | —           | —              | 1'80                 |
| —           | —              | 0'68         | —              | —            | 0'27         | —           | 5'10           | 0'27                 |
| 0'86        | 0'3            | —            | —              | 17'14        | —            | —           | —              | 0'23                 |
| 1'62        | 10'8           | 2'91         | 8'37           | —            | 4'11         | —           | —              | 3'61                 |
| 1'35        | —              | 2'75 * △     | 1'42           | 5'41         | 2'48 *       | 0'34        | 2'93           | 2'35                 |
| 0'14        | 0'2            | 0'83         | 0'65           | —            | 2'53         | 4'96        | —              | 0'09                 |
| —           | —              | —            | —              | —            | —            | —           | —              | —                    |
| —           | —              | —            | —              | —            | —            | —           | —              | —                    |
| 23'07       | 32'4           | 49'22        | 45'67          | 67'67        | 33'24        | 28'17       | 36'29          | 46'97                |



Wrzesień 1877 roku.

| Dzien         | Stara-<br>wieś | Ma-<br>niów | Jaro-<br>sław | Dro-<br>ho-<br>bycz | Lwów | Stani-<br>sła-<br>wów | Zło-<br>czów | Koło-<br>myja | Tarno-<br>pol |
|---------------|----------------|-------------|---------------|---------------------|------|-----------------------|--------------|---------------|---------------|
| 1             | 7'0            | 20'73       | 8'3           | 10'1                | 6'2  | 5'2                   | —            | 18'95         | —             |
| 2             | 0'8            | 0'65        | 1'5           | —                   | 0'2  | —                     | 3'6          | 10'49         | 5'25          |
| 3             | 0'5            | 0'77        | 3'2           | —                   | —    | 4'7                   | —            | 6'54          | 1'90          |
| 4             | 0'4            | 5'32        | —             | 11'4                | 2'1  | 9'9                   | 0'3          | —             | 0'70          |
| 5             | 4'2            | —           | —             | —                   | —    | —                     | 7'4          | —             | 4'50          |
| 6             | 7'4            | —           | —             | —                   | —    | 0'2                   | —            | —             | —             |
| 7             | —              | —           | —             | —                   | —    | 0'2                   | —            | —             | —             |
| 8             | —              | 3'45        | —             | 2'1                 | 3'2  | 0'5                   | —            | —             | —             |
| 9             | 5'4            | —           | 4'5           | —                   | —    | —                     | 6'0          | —             | 1'80          |
| 10            | —              | —           | —             | —                   | —    | —                     | —            | —             | —             |
| 11            | —              | —           | —             | —                   | —    | —                     | —            | —             | —             |
| 12            | —              | —           | —             | —                   | —    | —                     | —            | —             | —             |
| 13            | —              | 3'48        | —             | 2'5                 | 3'7  | —                     | —            | —             | —             |
| 14            | 5'3            | 1'73        | —             | —                   | 2'6  | 1'3                   | 4'9          | —             | 3'50          |
| 15            | 2'8            | —           | 2'6           | —                   | —    | 0'3                   | 4'3          | —             | 4'10          |
| 16            | —              | 5'14        | —             | —                   | 3'3  | 0'7                   | 0'4          | —             | —             |
| 17            | 1'4            | 2'17        | 2'4           | —                   | 1'9  | —                     | 1'9          | —             | —             |
| 18            | 3'4            | 1'94        | —             | 11'0                | 3'0  | 12'8                  | 3'1          | 21'02         | 8'00          |
| 19            | 0'8            | —           | —             | —                   | 0'3  | —                     | 2'8          | —             | 1'15          |
| 20            | —              | —           | —             | —                   | —    | —                     | —            | —             | —             |
| 21            | —              | 18'12       | —             | —                   | 5'6  | —                     | 0'4          | —             | —             |
| 22            | 8'4            | 14'14       | 4'6           | 22'4                | 4'2  | 10'2                  | 4'4          | 8'03          | —             |
| 23            | 3'3            | —           | 2'8           | —                   | 0'9  | 11'8                  | 10'8         | 11'75         | 13'30         |
| 24            | —              | —           | —             | 17'3                | 1'1  | 0'7                   | 1'6          | —             | 2'00          |
| 25            | 5'5            | 5'02 Δ      | —             | 3'35                | 4'0  | 1'5                   | 0'2          | 9'72          | —             |
| 26            | 13'0 Δ         | 1'12 Δ      | —             | —                   | 3'1  | 2'5                   | 8'1          | —             | 5'40          |
| 27            | 0'2            | —           | 3'5           | —                   | 0'2  | —                     | 3'3          | —             | 3'00          |
| 28            | 1'7            | 2'25 *      | —             | 0'5                 | 3'2  | 0'2                   | 2'3          | 4'51          | —             |
| 29            | —              | —           | —             | —                   | 2'7  | —                     | 3'4          | —             | 2'10          |
| 30            | —              | —           | —             | —                   | —    | —                     | —            | —             | —             |
| 31            | —              | —           | —             | —                   | —    | —                     | —            | —             | —             |
| Suma<br>opadu | 71'5           | 86'93       | 33'4          | 80'65               | 51'5 | 62'7                  | 78'2         | 91'01         | 56'70         |

w millimetrach.

*Październik 1877 roku.*

| Bielsko | Żywiec | Wadowice | Sucha  | Czerlichów | Krańów   | Wieliczka | Poronin | Jodłownik | Bochnia | Nowy Sącz |
|---------|--------|----------|--------|------------|----------|-----------|---------|-----------|---------|-----------|
| —       | —      | —        | —      | —          | —        | —         | —       | —         | —       | —         |
| —       | —      | 18'62    | 4'83   | 0'50       | 0'32     | 2'2       | 1'20    | 0'25      | —       | —         |
| 7'4     | 10'1   | 14'53    | 7'35   | 9'05       | 9'07     | 8'8       | 2'82    | 7'83      | 7'67    | —         |
| 1'6     | 5'0    | —        | 6'32   | 0'85       | 1'35     | 2'1       | 3'36    | 3'81      | 5'64    | 10'3      |
| —       | —      | 5'44     | 7'04   | 0'55       | 1'31     | 1'8       | 2'68    | 1'83      | —       | 0'75      |
| —       | —      | —        | —      | —          | —        | —         | —       | —         | —       | —         |
| —       | 0'1    | 4'11     | 0'54   | 1'10       | 0'99     | 3'2       | 0'56    | 1'62      | 4'74    | —         |
| 2'15    | 1'0    | —        | 4'78   | 0'20       | —        | —         | 1'53    | 1'58      | —       | 1'3       |
| —       | 9'0    | —        | —      | —          | —        | —         | 4'35 *  | 0'65      | —       | 0'9       |
| —       | —      | —        | —      | —          | —        | —         | —       | —         | —       | —         |
| —       | 1'4    | —        | —      | —          | —        | —         | —       | —         | —       | —         |
| —       | 5'5    | 1'26     | 0'41 * | 4'80 * Δ   | 2'12 Δ   | 0'2 Δ     | 6'97 *  | 8'01      | —       | 3'75      |
| —       | 3'6    | —        | —      | —          | —        | —         | —       | —         | —       | —         |
| —       | —      | —        | —      | —          | —        | —         | —       | —         | —       | —         |
| —       | —      | 0'88     | —      | —          | 3'70     | 0'2       | 0'52    | —         | —       | —         |
| —       | —      | 7'81 Δ   | —      | 1'30 Δ     | 2'35     | 0'2       | 5'78 Δ  | 2'19      | —       | —         |
| 4'6 *   | 1'5 *  | *        | 0'27 * | 1'50 Δ     | 0'14 *   | 0'3 *     | 0'20 *  | 0'79 *    | —       | *         |
| 0'2 *   | 0'8 *  | 2'39 *   | 0'45 * | 0'30 *     | 1'35 * Δ | 6'0 *     | —       | —         | —       | *         |
| —       | —      | *        | —      | 0'50       | *        | —         | 2'73 *  | 1'83 *    | —       | —         |
| —       | —      | —        | —      | —          | —        | —         | —       | —         | —       | —         |
| —       | —      | —        | —      | —          | —        | —         | —       | —         | —       | —         |
| —       | —      | —        | —      | —          | —        | —         | —       | —         | —       | —         |
| —       | —      | —        | —      | —          | —        | —         | —       | —         | —       | —         |
| —       | —      | —        | —      | —          | —        | —         | —       | —         | —       | —         |
| —       | —      | —        | —      | —          | —        | —         | —       | —         | —       | —         |
| —       | —      | —        | —      | —          | —        | —         | —       | —         | —       | —         |
| —       | —      | —        | —      | —          | —        | —         | —       | —         | —       | —         |
| —       | —      | 7'71     | 0'41   | 0'55       | 2'12     | 0'4       | —       | 2'46      | 7'22    | 3'25      |
| —       | —      | —        | —      | 0'85       | 0'14     | —         | 1'08    | 1'49      | —       | 0'40      |
| 2'0     | 10'6   | 5'73     | 8'71   | 4'00       | 6'72     | 7'9       | 3'99    | 5'05      | 9'93    | 5'20      |
| 17'9    | 48'6   | 68'49    | 41'11  | 26'95      | 31'68    | 33'3      | 37'77   | 39'39     | 35'20   | 25'85     |



Październik 1877 roku.

| Dzień      | Krynica | Tarnów | Kolaczyce | Dobrzechów | Rzeszów | Starawieś | Mańiów | Drohobycz | Lwów |
|------------|---------|--------|-----------|------------|---------|-----------|--------|-----------|------|
| 1          | —       | —      | —         | —          | —       | —         | —      | —         | —    |
| 2          | 1'53    | —      | —         | —          | —       | —         | 3'12   | —         | —    |
| 3          | 3'65    | 3'16   | 8'26      | 6'86       | 17'14   | 3'6       | 7'50   | 7'8       | 0'3  |
| 4          | 2'35    | —      | —         | 2'39       | —       | 10'0      | —      | —         | 1'4  |
| 5          | 2'30    | —      | —         | —          | —       | 0'2       | —      | 5'7       | 0'5  |
| 6          | —       | —      | —         | —          | —       | —         | —      | 3'7       | —    |
| 7          | —       | —      | —         | —          | —       | —         | —      | —         | —    |
| 8          | *       | 3'38   | —         | 0'41       | —       | —         | 8'80 * | 5'4       | 4'8  |
| 9          | 4'96    | —      | 3'00      | —          | —       | 1'2       | 1'33   | —         | —    |
| 10         | 1'35    | —      | —         | —          | —       | —         | 0'30   | —         | 1'8  |
| 11         | 0'65    | —      | —         | —          | —       | —         | —      | —         | 3'4  |
| 12         | *       | 1'53   | —         | —          | 0'68    | 0'2       | 2'50   | 4'6       | 1'5  |
| 13         | *       | —      | 2'98 △    | 4'06       | —       | 4'5 *     | 1'10 * | —         | 0'4  |
| 14         | —       | —      | —         | —          | —       | 1'3       | —      | —         | —    |
| 15         | —       | —      | —         | —          | —       | —         | —      | —         | —    |
| 16         | 8'66    | 4'96   | —         | —          | —       | —         | —      | —         | —    |
| 17         | —       | —      | —         | 1'35       | 7'78    | 2'5       | 1'10   | 5'3 △     | 3'8  |
| 18         | *       | 0'11 * | 3'38 * △  | —          | 1'24    | 2'1 *     | 0'12 * | —         | 0'7  |
| 19         | *       | 1'02 * | *         | —          | —       | —         | —      | —         | —    |
| 20         | —       | —      | —         | —          | —       | 1'3 *     | —      | —         | 0'8  |
| 21         | —       | —      | —         | —          | —       | —         | —      | —         | —    |
| 22         | —       | —      | —         | —          | —       | —         | —      | —         | —    |
| 23         | —       | —      | —         | —          | —       | —         | —      | —         | —    |
| 24         | —       | —      | —         | —          | —       | —         | —      | —         | —    |
| 25         | —       | —      | —         | —          | —       | —         | —      | —         | —    |
| 26         | —       | —      | —         | —          | —       | —         | —      | —         | —    |
| 27         | —       | —      | —         | —          | —       | —         | —      | —         | —    |
| 28         | —       | —      | —         | —          | —       | —         | —      | —         | 0'5  |
| 29         | 1'33    | —      | 1'92      | —          | —       | —         | —      | —         | 0'3  |
| 30         | —       | —      | —         | —          | —       | —         | —      | —         | —    |
| 31         | 7'81    | —      | —         | 12'00      | 12'86   | —         | 7'55   | 4'4       | 3'8  |
| Suma opadu | 34'59   | 14'16  | 19'54     | 27'07      | 39'70   | 26'9      | 33'42  | 36'9      | 24'0 |

Listopad 1877 roku.

| Stani-sławów | Złoczów | Kolomyja | Tarnopol | Bielsko | Żywiec | Wadowice | Sucha  | Czer-nichów | Kra-ków |
|--------------|---------|----------|----------|---------|--------|----------|--------|-------------|---------|
| —            | —       | —        | —        | 6'3     | 5'8    | 10'20    | 19'40  | 1'85        | 1'13    |
| 0'2          | —       | —        | —        | 9'0     | 0'2    | —        | 11'73  | 5'70        | 3'03    |
| 3'8          | —       | 13'56    | 3'50     | —       | —      | —        | —      | —           | —       |
| 6'2          | 1'5     | 2'77     | 1'80     | —       | —      | —        | —      | 0'25        | —       |
| 6'9          | 0'1     | 6'81     | 2'50     | —       | —      | —        | —      | 0'20        | —       |
| —            | 0'1     | 0'02 *   | —        | —       | —      | —        | —      | —           | —       |
| —            | —       | —        | —        | —       | —      | —        | —      | —           | —       |
| 1'3          | —       | 0'79 *   | —        | —       | —      | —        | —      | —           | —       |
| 8'7          | 0'5     | 13'04    | 1'80     | —       | —      | —        | —      | —           | —       |
| 0'1          | —       | 6'09     | 4'10     | —       | —      | —        | —      | 0'15        | 0'27    |
| 11'2         | 6'6     | 2'96     | 3'40     | —       | —      | —        | —      | 0'15        | 0'32    |
| —            | 7'6     | —        | 11'35    | —       | —      | —        | —      | —           | —       |
| 4'2 * △      | 1'4     | 5'08 *   | —        | —       | —      | —        | —      | —           | —       |
| —            | 0'9     | —        | —        | —       | —      | —        | —      | —           | —       |
| —            | —       | —        | —        | —       | —      | —        | —      | —           | —       |
| —            | —       | —        | —        | —       | —      | —        | —      | —           | —       |
| 3'0          | —       | 9'97     | —        | —       | —      | —        | —      | 0'10        | 0'14    |
| —            | 6'3     | —        | 4'90     | —       | —      | —        | —      | 0'20        | 0'54    |
| —            | *       | —        | —        | —       | —      | —        | —      | —           | 0'18    |
| —            | 0'5     | —        | —        | —       | —      | —        | —      | —           | —       |
| —            | —       | —        | —        | 6'7 *   | 9'0    | 7'35 *   | 7'44   | 5'50        | 4'92    |
| —            | 0'2     | —        | —        | —       | 1'1    | —        | —      | 0'10        | —       |
| —            | —       | —        | —        | 2'0     | —      | —        | 5'64   | —           | 0'23    |
| —            | —       | —        | —        | 0'6     | 0'5    | —        | —      | —           | 0'36    |
| —            | —       | —        | —        | —       | —      | —        | 4'06   | 0'55        | 0'90    |
| —            | —       | —        | —        | 9'6 *   | 11'0   | *        | 4'33 * | 5'25        | 2'39    |
| —            | —       | —        | —        | —       | 0'2    | —        | —      | —           | *       |
| —            | —       | —        | —        | —       | —      | —        | 1'44   | —           | —       |
| —            | —       | 2'98     | —        | 1'5     | 1'8    | 3'20     | —      | 1'30        | 1'08    |
| —            | —       | —        | —        | —       | —      | —        | —      | —           | —       |
| —            | —       | 1'31     | —        | —       | —      | —        | —      | —           | —       |
| 45'6         | 25'7    | 65'38    | 33'35    | 35'7    | 29'6   | 20'75    | 54'04  | 21'30       | 15'49   |



## Grady w roku 1877.

Według wiadomości, jakie pod ręką posiadamy, trudno rozstrzygnąć, czy rzeczywiście rok 1877 jeżeli już nie co do liczby, to przynajmniej pod względem wielkości i rozmiarów gradobić do bardzo pomysłnych, stosunkowo do lat ubiegłych, policzyć nam należy, czy też mniemana ta pomysłność jest tylko skutkiem skąpych w tej mierze wiadomości. Sądząc o rzeczy z przebiegu wiosny i lata w okolicach Krakowa, gdzie w ciągu roku tego tylko 4 razy słabe i w małych rozmiarach pojawiły się grady, przechylilibyśmy zdanie nasze na stronę pierwszą, — fakt ten atoli nie przesądza sprawy co do innych okolic, zkąd po roku zasięgnąć języka nie zbyt było łatwem. Ograniczając się tylko na podaniach w tej mierze urzędowej Gazety lwowskiej, która nawiasem mówiąc, odstąpiła w roku bieżącym od chwalebego swego zwyczaju wyliczania gmin dotkniętych gradem, w zamian tego notując tylko powiaty, a skutkiem czego po szczegółowe wiadomości do urzędów powiatowych dopiero udawać się nam przychodziło; obraz tegorocznych gradobić nie będzie może wyczerpującym, i przedstawi może rzecz w korzystniejszym świetle, aniżeli rzeczywiście była.

Po wczesném nihy zawitaniu wiosny, bo śniegi zimowe stały już w drugiej połowie marca, a z końcem tego miesiąca było parę dni pogodnych i wiosennych, już w pierwszych dniach kwietnia wiosna uściąpiła napowrót miejsca zimie, która w zmienionym swym formacie przeciągła się prawie aż po koniec maja. Przez cały prawie kwiecień, gdyż z małemi tylko przerwami, pojawiały się zimne dėsccze przeplatane śnieżnemi zawiejami, — a w ślad za poprzednikiem swoim poszedł i maj. Pierwsza jego połowa była szeregiem dni słotnych i zimnych, którym w górach, jak w okolicach Turki, Podbuża i dalej ku węgierskiej granicy towarzyszyły śniegi; dopiero w połowie maja ociepliło się nieco, natomiast znów dėsccze nie ustały aż z końcem jego, poczem nastąpiła skwarna pogoda, tak, że w roku tém trudnėmby było odszukać czasu cechującego przejście z wiosny do lata. Burz, nawalnie i gradów w miesiącu tym nie było wiele, natomiast wiele szkód zrzędziły ulewę w d. 18 maja w okolicach Turki i Podbuża, jako też w d. 20 maja w okolicach Birczy, gdzie rzeka Wiąz wylawszy zamuliła nadbrzeżne łąki i pola, a woda z gór płynąca zniszczyła wiele świeżych zasiewów. Pojawiły się wprawdzie i grady w maju, jak w d. 18 w okolicach Stanisławowa, Borszczowa i Tarnopola, w d. 19 koło Kamionki strumiłowej, a 27 w okolicach Jeziornej i Złoczowa, szkód one atoli większych nie poczyniły, jak nie poczyniły ich także lekkie ranne mroziki w dniu 26 i 27 maja, którym podobne w roku przeszłym znaczne rolnictwu zadały klėski. W ogóle mówiąc o wiosnie roku tego, słota 7-tygodniowa jaka od Wielkanocy aż ku końcowi maja dotrwała, oddziałała mimo małych katastrof elementarnych bardzo niekorzystnie na stosunki rolnicze kraju naszego.



Czerwiec roku tego był piękny, a gorąca jego przeplatać się już zaczęły częstszymi burzami i gradami. I tak z pierwszém gradobiciem spotykamy się dnia 9 Czerwca. Burza dnia tego połączona z gradobiciem i ulewą dotknęła powiat krakowski, głównie zaś wielicki; trwała ona blisko 2 godziny, a grad wielkości niezwykajnej, skoro drób zabijał, i do drugiego dnia na polach pozostał, poczynił na nich dotkliwe spustoszenia. Idąc od zachodu zostawiła ona najprzód ślady swoje w gminach: Sciejowice, Jezierzany, Rączna i Dąbrowa powiatu krakowskiego, a około Tynca o godzinie 3 popołudniu wszedłszy w powiat wielicki skrzyła się najprzód ku południowi, następnie zaś idąc półkołem, ku północno-wschodniej stronie powiatu. Gmin tym gradem dotkniętych było 21, a mianowicie: Kopanka, Tyniec, Byszyce, Gorzków, Bienkowice, Rudnik, Grajów, Dobranowice, Sułów, Biskupice, Łazany, Jawczyce, Zborówek, Zabłocie, Surówki, Zborczyce, Suchoraba, Zagórze, Brzezie, Dąbrowa i Szarów.

Drugie gradobicie, największe roku tego, było dnia 13 Czerwca. Burza tą razą zajęła już znaczniejszy obszar kraju, a mianowicie idąc od zachodu nawiedziła gradem najprzód 13 gmin powiatu bialskiego, dalej zaś wązkim pasem przesunawszy się przez południową stronę powiatu krakowskiego, gdzie tylko w okolicy samego Krakowa z gradem się pojawiła, rozdzieliła się następnie na dwa ramiona, z których jedno w północnej stronie rozciągnęło się ponad powiaty dąbrowski, mielecki i ropczycki, drugie zaś w południowej stronie objęło powiat grybowski, nowo-sądecki i krośnieński. W powiecie ropczyckim burza ta 10-minutowa, obsypała gradem gminy: Paszczyna, Skrzyszów, Brzezówka, Ostrów, Pietrzejowa, Ropczyce, Brzyzna, Witkowice, Gnojnice, Iwierzycy, Nochowa, Sielec, Olchowa, Będziemyśl, Dąbrowa i Sędziszów, a ziarna gradu dochodziły tam wielkości ziemniaków lub pięści; w powiecie zaś grybowskim gminy: Banica, Czarna, Czyrna, Kamienina, Polany i Piorunka. Ostatnie ślady tej burzy pojawiły się na wschodnich krańcach kraju, a mianowicie w powiatach sokalskim i złoczowskim, gdzie po 11 gmin gradem dotkniętych zostało, i w powiecie buczackim. W tym ostatnim dotkniętym gradem zostały gminy: Dzwinogród, Nowostawce, Olesza, Pielawa, Przewłoka, Sawaluszki, Zielona i Żurawinice. Gradobicie miało miejsce między drugą a trzecią godziną po południu i trwało przeszło pół godziny, a ziarna gradu przewyższały miejscami wielkości jaj gołębih. Chmura gradowa nadciągnęła od strony południowo-zachodniej i posunęła się w kierunku północno-wschodnim.

Trzecie gradobicie przytrafiło się dnia 21 Czerwca w powiatach tarnopolskim i złoczowskim. Burza tą razą zlokalizowana na te dwa powiaty, idąc od północno-zachodu ku południowi, w ciągu 20 minut zasypała gradem wielkości pomidora 16 gmin powiatu tarnopolskiego, a mianowicie: Tarnopol, Kutkowce, Białoskórkę, Dyczków, Zaściankę, Grabowice, Berezowicę wielką, Toustolug, Proniatyn, Białę, Kipiaczkę, Hluboczek wielki, Kurowce, Konstantynówkę, Borki wielkie i Chodaczków mały.



Lipiec roku tego był przeważnie pochmurny, słotny a stosunkowo i chłodny, to też mniej gradobić w ciągu niego się pojawiło aniżeli w Czerwcu, i mniej miejscowości niemi dotkniętych. Czwarte gradobicie z kolei przytrafiło się dnia 6 lipca. Burzą tą nawiedzone zostały powiaty limanowski i ropczycki. W pierwszym z nich grad wielkości orzechów laskowych siekł przeszło godzinę, poczem w skutek ulewnego dészczu wezbrały górskie potoki i unosiły z sobą ziemiopłody. W ten sposób zniszczone tam zostały gminy: Zamieście z Górami, Tymbark, Jasna z Podlopieniem, Koszary, Skrzydłna, Zawadka, Przenosza, Gruszów, Kasina wielka i Kasiuka mała, w powiecie zaś ropczyckim też sama burza w ciągu  $\frac{1}{4}$  godziny nawiedziła gradem między godziną 4 a 5 popołudniu 3 gminy: Małą, Glinik i Konice.

W dniach 10, 11 i 12 lipca pojawiły się małe gradobicia w okolicach Jarosławia, Przemyśla, Lwowa, Bóbrki, Gurki i Stanisławowa, nie zrządziwszy jednak wiele szkody.

Piąte gradobicie było dnia 16 lipca, a przytrafiło się ono w powiecie Limanowskim o godzinie 3 popołudniu. Burza w tym dniu szalała tam z taką gwałtownością, iż drzewa w czystym polu i ogrodach z korzeniami wyrwała, a grad wielkości kurzych jaj bijąc przez  $\frac{1}{2}$  godziny, zniszczył zupełnie wszystkie ziemiopłody, zrównawszy je z ziemią w gminach Starójwsi, Lipowem i Sowlinach, częściowo zaś w Słopnicach szlacheckich, w Limanowej, Łososinie górnej i Młynnem. Taż sama burza zawitała wieczorem i w Krakowskie, gdzie w 5 gminach grad sprawił również znaczne szkody.

Po dwu dniach przerwy t. j. dnia 18 lipca pojawiła się znów burza gradowa, szósta z kolei roku tego, w powiecie zaleszczyckim między godziną 4 a 5 popołudniu. Idąc pasem od Bukowiny ku powiatowi Czortkowskiemu, grad jęj towarzyszący trwał wprawdzie krótko, lecz z powodu swęj wielkości i obfitości uszkodził znacznie ziemiopłody w gminach Gródek, Szczytowie, Kasperówce, Winiatyńce i Nowosiółka kostiukowa.

Niezbyt na pociechę rolników obfite grady w lipcu, napotykamy natomiast częściej w ciągu całego następnego miesiąca, co rzadko lat poprzednich się zdarzało. I tak, dnia 7 sierpnia trzy gminy powiatu kolbuszowskiego, zaś 13 dziesięć gmin powiatu grybowskiego nawiedzone zostały burzami z gradem, który w polu leżące jeszcze plony bardzo uszkodził. Większe a z kolei siódme gradobicie przypadło d. 17 i 18 sierpnia. Pierwszego z tych dni burza i grad wyrządziły bardzo dotkliwe szkody w 11 gminach mościskiego, i 8 gminach ropczyckiego powiatu, mianowicie zaś w powiecie mościskim w gminach: Pnikut, Radenice, Lipniki, Czyżowice, Saniki, Mistyce, Wiszenka, Podliski, Stojance i Wołostków; grad padał gęsty i duży, wiele ziarn było wielkości kurzego jaja lub pięści; zaczął padać około godziny 3 po południu i z jednorazową przerwą padał do godziny 5; chmura gradowa szła od PdZ ku PnW. Nazajutrz d. 18 jedenaście wsi w okolicy Rudek, najwięcej zaś gminy Chłopczyce i Nowosiółki gościnnie, straciły prawie do szczerętu skutkiem gradobicia swoje plony. Ta o-



statnia burza zjawila się z gradem także i w powiecie brzeżańskim, gdzie nawałnicą zniszczyła wieś Narajów.

Ósme gradobicie również i teraz lokalnej natury przytrafiło się dnia 22 sierpnia o godz. 4 popołudniu w powiecie zaleszczyckim; burza trwała krótko wprawdzie, ale była nadzwyczajnej mocy, skoro jak nam donoszą, zrywała dachy, obalała budynki i drzewa po lasach i ogrodach wyrывała. Grad w czasie tej burzy był nadzwyczaj gęsty i wielki, w niektórych miejscowościach pojawił się on w bryłach lodowych kształtu cylindra o kilku calach średnicy, a zniszczył prawie do szczytu pola tytuniowe w gminach: Błyszczanka, Bilecze, Chartanowice, Hinkowce, Juryjampol, Manastyrrek, Myszków, Horolówka, Nowosiółka kostiukowa, Skowiatyn i Uhryńkowce. W 2 dni nareszcie później t. j. 24 sierpnia straszliwa burza gradowa około północy szalała w okolicy Jarosławia, a w gminach Monasteru i Surmaczówce formalny orkan, który w pierwszym 25, w drugiej zaś 20 domostw powalił, drzewa owocowe i inne najstarsze w lasach połamał i z korzeniami powyrywał. Orkan ten szedł od zachodu ku wschodowi, a grad współczesny wytłukł wszystko, co jeszcze na pniu pozostało.

Dr. Wierzbicki.

## Wykaz stanu wody na rzekach galicyjskich

w roku 1877.

Podobnie jak w roku poprzedzającym podajemy poniżej wyrażony w centymetrach stan wody w rzekach krajowych zapisywany w roku 1877 na tych samych miejscach co lat poprzednich.

Wypada nam tylko nadmienić, że wysoki stan wody na Dniestrze pod Zaleszczykami dnia 22 marca 1877 powstał, wedle łaskawie danego nam wyjaśnienia, w skutek zatoru lodów pod Gródkiem poniżej Zaleszczyk. Zator ten utworzył się już w pierwszych dniach stycznia.

Co do użytych przez nas znaków, to głoska *l* oznacza rzekę całkiem zamarzlą; *k* krę grubą, *s* sryż. Stan najwyższy i najniższy w każdym miesiącu zaznaczone są piśmem większym, a u dołu wymienione dni dżdżyste lub śnieżne, jak je podali sami obserwatorowie.

Obliczenia sum i średnich dokonali PP. Neusser, Dziurzyński i Olearski.

Prof. Dr. Karliński



Styczeń 1877.

| Dzień | Soła                 |               | Skawa         |       | Dunajec      |               |       | Wisło-<br>ka |
|-------|----------------------|---------------|---------------|-------|--------------|---------------|-------|--------------|
|       | Ko-<br>bierni-<br>ce | Oświę-<br>cim | Wado-<br>wice | Zator | Nowy<br>Sącz | Zgło-<br>bice | Żabno | Łabu-<br>zie |
| 1     | -5                   | 0             | -10           | +20   | +150         | +150          | -10   | 0            |
| 2     | 0                    | 0             | 10            | 10    | 145          | 146           | +70   | 0            |
| 3     | 0                    | -3            | 5             | 2     | 145          | 150           | 80    | +40          |
| 4     | 0                    | -6            | 0             | -4    | 140          | 150           | 80    | 60           |
| 5     | -3                   | -10           | 0             | -8    | 140          | 50            | 150   | 80           |
| 6     | -3                   | -6            | 0             | -10   | 135          | 10            | 110   | 80           |
| 7     | -6                   | -16           | -10           | -12   | 155          | 55            | 100   | 70           |
| 8     | -6                   | -20           | -10           | -14   | 155          | 10            | 60    | 80           |
| 9     | -9                   | -20           | -10           | -14   | 115          | -4            | 50    | 60           |
| 10    | -9                   | -24           | -10           | -12   | 150          | -2            | 40    | 50           |
| 11    | -9                   | -20           | -15           | -10   | 145          | -2            | 50    | 70           |
| 12    | -12                  | -20           | -20           | -4    | 145          | -2            | 40    | 80           |
| 13    | -15                  | -20           | -20           | -6    | 145          | -4            | 30    | 60           |
| 14    | -18                  | -20           | -20           | -10   | 140          | -6            | 20    | 50           |
| 15    | -21                  | -25           | -25           | -10   | 130          | -8            | 15    | 40           |
| 16    | -24                  | -28           | -25           | -12   | 125          | -10           | 10    | 30           |
| 17    | -27                  | -28           | -25           | -12   | 125          | -12           | 5     | 30           |
| 18    | -27                  | -25           | -25           | -14   | 120          | -16           | 5     | 20           |
| 19    | -27                  | -25           | -25           | -14   | 120          | -18           | 0 s   | 20           |
| 20    | -27                  | -25           | -25 l         | -16   | 120 s        | -18           | 0     | 10           |
| 21    | -30                  | -30           | -25           | -16   | 120          | -20           | -5    | 10           |
| 22    | -30                  | -30           | -25           | -18   | 110          | -20           | -10   | 0            |
| 23    | -30                  | -30           | -25           | -19   | 110          | -20           | -20   | 0            |
| 24    | -30                  | -35           | -25           | -22   | 110          | -18           | -20   | 0            |
| 25    | -33                  | -35           | -25           | -22   | 110          | -15           | -20   | 0            |
| 26    | -33                  | -35           | -25           | -24   | 110          | -15           | -20 s | 0            |
| 27    | -33                  | -35           | -25           | -24   | 110          | -15           | +10 l | 0            |
| 28    | -33                  | -35           | -25           | -26   | 110          | -15           | 15    | 0            |
| 29    | -33                  | -35           | -25           | -26   | 108          | -15           | 20    | 0            |
| 30    | -36                  | -35           | -25           | -28   | 108          | -15           | 15    | 0            |
| 31    | -36                  | -35           | -25 l         | -28   | 108 s        | -15           | 10 l  | 0            |
| Σ     | -605                 | -711          | -515          | -403  | 3959         | 436           | 880   | 940          |
| Śred. | -19.5                | -22.9         | -16.6         | -13.0 | 127.7        | 14.1          | 28.4  | 30.3         |

Nowy Sącz: Dąszcz d. 10 i 11; śnieg d. 23, 24 i 29.

Zgłobice: Dąszcz d. 10 i 13; śnieg d. 23, 24 i 29.

Żabno: Dąszcz d. 10, 11, 12 i 13; śnieg d. 23, 24, 25 i 29.

Łabuzie: Dąszcz d. 11 i 12; śnieg d. 23 i 24.

Styczeń 1877.

|       | Wisłok       | W i s ł a |                |                    |               |        | S a n         |               |
|-------|--------------|-----------|----------------|--------------------|---------------|--------|---------------|---------------|
| Dzień | Rze-<br>szów | Kraków    | Jago-<br>dniki | Ujście<br>Jezuick. | Szczu-<br>cin | Dzików | Posto-<br>tów | Prze-<br>myśl |
| 1     | + 15         | + 63      | + 40           | + 50               | + 100 l       | + 15   | + 45 s        | + 40          |
| 2     | 35           | 73        | 50             | 75                 | 130           | 100    | 40            | 95 s          |
| 3     | 50           | 55        | 85             | 81                 | 160           | 120    | 35            | 228           |
| 4     | 60           | 55        | 60             | 78                 | 115           | 125    | 25            | 247           |
| 5     | 60 k         | 45        | 80             | 72                 | 105 l         | 130    | 40            | 230 s         |
| 6     | 50           | 37        | 88             | 85                 | 125 k         | 140    | 35            | 39            |
| 7     | 50 k         | 34        | 88             | 90                 | 65            | 145    | 35            | 24            |
| 8     | 40           | 15        | 64             | 63                 | 65            | 140    | 20            | 16            |
| 9     | 40           | 0         | 60             | 58                 | 65            | 135    | 20            | 13            |
| 10    | 45           | —15       | 60             | 48                 | 35            | 135    | 15            | 7             |
| 11    | 79           | + 7       | 50             | 51                 | 40 k          | 135    | 15            | 5             |
| 12    | 65           | 7         | 68             | 65                 | 65            | 245    | 8             | 16            |
| 13    | 40           | 23        | 90             | 90                 | 95            | 100    | —5            | 7             |
| 14    | 35           | 7         | 70             | 75                 | 70            | 70     | —5            | 2             |
| 15    | 35           | —4        | 60             | 60                 | 60            | 40     | —5            | —1            |
| 16    | 30           | —13       | 44             | 45                 | 45            | 36     | —5            | 0 s           |
| 17    | 20           | —17       | 30             | 34                 | 35            | 30     | —5            | —2            |
| 18    | 15           | —23       | 26             | 20                 | 25            | 25     | —5            | —3 s          |
| 19    | 15           | —33       | 24             | 23                 | 25            | 23     | —5            | —5            |
| 20    | 10           | —35 s     | 25             | 28                 | 25 s          | 20 s   | —5            | —5            |
| 21    | 7            | —35       | 24             | 17                 | 15            | 15     | —5            | —5            |
| 22    | 7            | —37       | 20             | 9                  | 15            | 15     | —5            | —10           |
| 23    | 5            | —43       | 16             | 19                 | 15            | 10     | —5            | —10           |
| 24    | 15           | —47       | 13             | 13                 | 15            | 10     | —5            | —12           |
| 25    | 15           | —47       | 12             | 11                 | 15            | 40 s   | —5            | —15           |
| 26    | 15           | —50 s     | 10             | 7                  | 15            | 40 l   | —5 s          | —19 l         |
| 27    | 15           | —54 l     | —4             | —1                 | 10            | 40     | —5 l          | —21           |
| 28    | 15           | —55       | + 14           | + 5                | 0 s           | 40     | —5            | —24           |
| 29    | 15           | —55       | 6              | 9                  | 40 l          | 40     | —5            | —29           |
| 30    | 15           | —15       | 13             | 11                 | 65            | 45     | —5            | —0            |
| 31    | 15           | —15 l     | 15             | 15                 | 70 l          | 45 l   | —5 l          | —32 l         |
| Σ     | 928          | —172      | 1291           | 1307               | 1725          | 2249   | 238           | 767           |
| Śred. | 29.9         | —5.6      | 41.7           | 42.2               | 55.7          | 72.6   | 7.7           | 24.8          |

Rzeszów: Dąszcz d. 11; śnieg d. 23 i 24.

Jagodniki: Dąszcz d. 11 i 12; śnieg d. 14, 15, 18, 23, 24 i 29.

Ujście Jezuickie: Dąszcz d. 10, 11 i 12; śnieg d. 14, 18, 23 i 29.

Szczucin: Dąszcz d. 11; śnieg d. 14, 18, 19, 23 i 24.

Przemyśl: Dąszcz d. 11 i 12; śnieg d. 14, 19, 24 i 26.



Styczeń 1877.

| Dzień | S a n   |          |         |       |               | Strwiąż    | Stryj |
|-------|---------|----------|---------|-------|---------------|------------|-------|
|       | Radymno | Jarosław | Rzuchów | Nisko | Majdan Zbydn. | Koniu-szki | Stryj |
| 1     | —30 l   | —20 l    | + 6     | + 18  | + 94 l        | + 130      | —50   |
| 2     | + 220 k | + 4 k    | 8       | 31    | 94            | 180        | + 10  |
| 3     | 180     | 150 k    | 124 s   | 95    | 166 l         | 220        | 10    |
| 4     | 220 k   | 54       | 84 k    | 110 s | 264 k         | 230        | 0     |
| 5     | 140     | 66       | 92      | 142   | 154 k         | 240        | 0     |
| 6     | 74      | 76       | 96 k    | 126   | 137           | 220        | 0     |
| 7     | 40      | 80       | 98      | 123   | 140           | 190        | —10   |
| 8     | —10     | 40       | 84      | 102   | 146           | 160        | —10   |
| 9     | —20     | 24       | 52      | 71    | 114           | 140        | —20   |
| 10    | —30     | 22       | 38      | 55    | 97            | 130        | —20   |
| 11    | —40     | 20       | 30      | 50    | 82            | 130        | —20   |
| 12    | 0       | 46       | 56      | 76    | 82            | 150        | —20   |
| 13    | —30     | 50       | 70      | 95    | 112           | 140        | —30   |
| 14    | —40     | 26       | 42      | 81    | 92            | 140        | —30   |
| 15    | —50     | 6        | 26      | 55    | 75            | 110        | —30   |
| 16    | —60 s   | 0 s      | 6 s     | 31 s  | 52            | 110        | —30   |
| 17    | —60     | —4       | 2       | 23    | 34            | 110        | —40   |
| 18    | —50     | —4       | 0 s     | 18    | 15 s          | 120        | —40   |
| 19    | —40     | —14      | —2 l    | 23    | 4             | 140        | —50   |
| 20    | —60     | —30      | —6      | 10    | —6            | 150        | —50   |
| 21    | —70     | —34      | —14     | 8 s   | —10           | 150        | —50   |
| 22    | —70     | —36      | —16     | 21 l  | —18           | 150        | —60   |
| 23    | —70     | —38      | —20     | 31    | —26           | 150        | —60   |
| 24    | —70 s   | —30      | —16     | 36    | —18           | 150        | —60   |
| 25    | —74 l   | —20      | —14     | 39    | —18           | 150        | —60   |
| 26    | —74     | —10 s    | —16     | 21    | —18           | 150        | —60   |
| 27    | —74     | —10 l    | —24     | 16    | —18           | 130        | —60   |
| 28    | —74     | —10      | —32     | 18    | —18           | 130        | —60   |
| 29    | —74     | —10      | —32     | 29    | —18           | 130        | —60   |
| 30    | —70     | —10      | —34     | 31    | —18           | 130        | —60   |
| 31    | —74 l   | —10 l    | —36 l   | 31 l  | —18 s         | 130        | —60   |
| Σ     | —440    | 374      | 652     | 1606  | 1750          | 4690       | —1090 |
| Sred. | —14.2   | 12.1     | 21.0    | 51.8  | 56.4          | 141.3      | —35.2 |

Radymno: Dąszcz d. 11 i 12; śnieg d. 14, 23 i 26.

Jarosław: Dąszcz d. 11 i 12; śnieg d. 14, 23 i 26.

Rzuchów: Dąszcz d. 11 i 12; śnieg d. 19, 24 i 26.

Nisko: Dąszcz d. 11 i 12; śnieg d. 23, 24 i 26.

Majdan Zbydn.: Dąszcz d. 11 i 12; śnieg d. 14, 18, 23, 24, 26 i 29.

Stryj: Dąszcz d. 11; śnieg d. 19, 22, 23, 24, 25 i 26.

Styczeń 1877.

| Dzień | Prut      | D n i e s t r |           |       |        |         |              |
|-------|-----------|---------------|-----------|-------|--------|---------|--------------|
|       | Koło-myja | Radło-wice    | Rozwa-dów | Siwka | Halicz | Niżniów | Zale-szczyki |
| 1     | —20 l     | + 40 k        | + 120 l   | + 92  | + 78   | + 79    | + 152        |
| 2     | —20       | 40 k          | 160       | 131   | 108    | 71      | 179          |
| 3     | —20       | 30            | 190       | 82    | 112    | 210     | 179          |
| 4     | —20       | 25            | 220       | 70    | 110    | 100     | 447          |
| 5     | —20       | 18            | 230       | 72    | 120    | 90      | 355          |
| 6     | —20       | 10            | 230 l     | 100   | 110    | 105     | 342          |
| 7     | —20       | 10            | 240       | 70    | 102    | 110     | 360          |
| 8     | —20       | 10            | 220       | 72    | 96     | 100     | 382          |
| 9     | —20       | 10            | 200       | 68    | 85     | 100     | 355          |
| 0     | —20       | 10            | 180       | 52    | 80     | 92      | 375          |
| 11    | —10       | 10            | 170       | 50    | 75     | 80      | 352          |
| 12    | —20       | 10            | 150       | 48    | 78     | 80      | 340          |
| 13    | —20       | 10            | 170       | 48    | 75     | 80      | 316          |
| 14    | —20       | 10            | 160       | 48    | 70     | 75      | 260          |
| 15    | —20       | 10            | 140       | 47    | 60     | 70      | 216          |
| 16    | —20       | 10            | 130 s     | 37    | 60     | 65      | 224          |
| 17    | —20       | 10            | 120       | 30    | 60     | 60      | 216          |
| 18    | —20       | 10            | 100       | 27    | 56     | 50      | 232          |
| 19    | —20       | 10            | 80        | 22    | 50     | 50      | 197          |
| 20    | —20       | 10 l          | 60        | 22    | 40     | 40      | 182          |
| 21    | —20       | 10            | 60        | 22    | 30     | 35      | 158          |
| 22    | —20       | 10            | 50        | 22    | 30     | 35      | 161          |
| 23    | —20       | 10            | 50        | 32    | 30     | 35      | 163          |
| 24    | —20       | 10            | 50        | 38    | 50     | 30      | 168          |
| 25    | —20       | 10            | 50        | 54    | 50     | 25      | 171          |
| 26    | —20       | 10            | 50 s      | 64    | 60     | 25      | 163          |
| 27    | —20       | 10            | 50 l      | 60    | 60     | 25      | 158          |
| 28    | —20       | 10            | 50        | 53    | 60     | 30      | 142          |
| 29    | —20       | 10            | 50        | 52    | 60     | 25      | 92           |
| 30    | —20       | 10            | 50        | 42    | 60     | 25      | 103          |
| 31    | —20 l     | 10 l          | 50 l      | 42    | 60     | 25      | 132          |
| Σ     | —620      | 413           | 3830      | 1669  | 2175   | 2012    | 7272         |
| Sred. | —20.0     | 13.1          | 123.6     | 53.8  | 70.2   | 65.0    | 234.6        |

Rozwadów: Dąszcz d. 11 i 12; śnieg d. 19, 24, 25 i 26.

Niżniów: Dąszcz d. 4, 6, 11 i 12; śnieg d. 18, 19, 20, 23, 24, 25, 27 i 29.



Luty 1877.

| Dzień   | Soła        |           | Skawa     |       | Dunajec   |           |        | Wisłoka |
|---------|-------------|-----------|-----------|-------|-----------|-----------|--------|---------|
|         | Kobier-nice | Oświę-cim | Wado-wice | Zator | Nowy Sącz | Zgło-bice | Żabno  |         |
| 1       | -15         | -35       | -25 l     | -28   | + 103     | + 15      | + 10 l | 0       |
| 2       | -15         | -40       | -25       | -28   | 110       | 15        | 10     | 0       |
| 3       | -15         | -40       | -25       | -29   | 110       | 15        | 5      | 0       |
| 4       | -23         | -40       | -25       | -30   | 110       | 15        | 0      | 0       |
| 5       | -23         | -40       | -25       | -30   | 110       | 10        | -5     | 0       |
| 6       | -18         | -40       | -25       | -30   | 110       | 10        | -10    | 0       |
| 7       | +30         | -35       | -25 l     | -26   | 110       | 10        | 0 l    | 0       |
| 8       | 36          | +40       | +40 k     | +24   | 166       | 8         | +80 k  | +6      |
| 9       | 36          | 20        | 30        | 20    | 140       | 8         | 70     | 8       |
| 10      | 15          | 0         | 30        | 10    | 130       | -2        | 60     | 7       |
| 11      | 0           | 0         | 25        | 42    | 140       | -6        | 65     | 6       |
| 12      | 0           | 0         | 20        | 20    | 140       | -8        | 70     | 5       |
| 13      | 0           | 0         | 10        | 10    | 140       | -10       | 65 s   | 4       |
| 14      | 0           | -10       | 0         | 5     | 140       | -12       | 60     | 3       |
| 15      | 0           | -25       | -10       | 0     | 130       | -14       | 30     | 2       |
| 16      | 0           | -25       | -15       | -5    | 125       | -16       | 20     | 1       |
| 17      | -5          | -25       | -15       | -10   | 125       | -20       | 10 s   | 0       |
| 18      | -10         | -25       | -15       | -10   | 130       | -22       | 5      | 0       |
| 19      | -15         | -20       | -15       | -10   | 130       | -25       | 0      | 0       |
| 20      | -20         | -20       | -15       | -10   | 130       | -25       | 0      | 0       |
| 21      | -21         | -20       | -15       | -10   | 130       | -25       | -5     | 2       |
| 22      | -15         | -15       | -15       | -8    | 130       | -25       | -10    | 3       |
| 23      | -15         | -15       | -15       | -4    | 130       | -20       | +10    | 4       |
| 24      | -10         | -15       | -15       | 0     | 130       | -20       | 5      | 5       |
| 25      | -10         | -15       | -15       | 5     | 130       | -20       | 5      | 4       |
| 26      | 0           | +5        | 0         | 20    | 130       | -20       | 0      | 4       |
| 27      | +30         | 30        | +40       | 60    | 130       | +5        | 30     | 3       |
| 28      | 9           | 10        | 5         | 40    | 130       | 0         | 20     | 4       |
| Sred. M | -74         | -395      | -135      | -12   | 3574      | -169      | 600    | 71      |
| Sred.   | -2.6        | -14.1     | -4.8      | -0.4  | 127.6     | -6.0      | 21.4   | 2.5     |

Nowy Sącz: Dęszcz d. 7, 8, 9, 17, 18 i 22; śnieg d. 1, 2, 5, 10, 11, 12, 13 i 23.

Zgłobice: Dęszcz d. 7, 9 i 21; śnieg d. 1, 12, 23, 24, 27 i 28; d. i śn. d. 5 i 18.

Żabno: Dęszcz d. 12, 21 i 22; śnieg d. 1, 2, 23, 24, 25, 26, 27 i 28; d. i śn. d. 7, 8, 9, 10 i 18.

Łabuzie: Dęszcz d. 22; śnieg d. 1, 5, 6, 14, 23, 24 i 28; d. i śn. d. 7, 8, 9, 10 i 18.

Luty 1877.

| Dzień | Wisłok       | W i s ł a |                |                    |               |        | S a n         |               |
|-------|--------------|-----------|----------------|--------------------|---------------|--------|---------------|---------------|
|       | Rze-<br>szów | Kraków    | Jago-<br>dniki | Ujście<br>Jeznick. | Szczu-<br>cin | Dzików | Posto-<br>łów | Prze-<br>myśl |
| 1     | + 15         | —25       | + 18           | + 16               | + 65          | + 25   | —5 l          | —32 l         |
| 2     | 15           | —25       | 18             | 18                 | 65            | 25     | —5            | —32           |
| 3     | 15           | —26       | 15             | 16                 | 50            | 20     | —5            | —31           |
| 4     | 15           | —33       | 10             | 16                 | 35            | 20     | —5            | —32           |
| 5     | 15           | —33       | 6              | 11                 | 25            | 15     | —5            | —33           |
| 6     | 15           | —33       | 11             | 11                 | 25            | 15     | —5            | —32           |
| 7     | 15           | —25       | 15             | 11                 | 30            | 15     | —5            | —31           |
| 8     | 30           | 0         | 28             | 20                 | 65            | 15     | —5            | —31           |
| 9     | 60 k         | + 56      | 85             | 90                 | 115           | 15     | —5            | —31           |
| 10    | 75           | 53        | 90             | 95                 | 105           | 80     | —5            | —20           |
| 11    | 65           | 63        | 100            | 94                 | 110           | 180    | —5            | —10           |
| 12    | 60           | 77        | 130            | 100                | 180           | 210    | —5            | —2            |
| 13    | 50           | 68        | 130            | 107                | 150           | 180    | —5            | —7            |
| 14    | 40           | 35        | 110            | 104                | 120           | 180    | —5            | —10           |
| 15    | 40           | 15        | 76             | 81                 | 90            | 170    | —5            | —16           |
| 16    | 30           | —3        | 36             | 58                 | 50            | 120    | —5            | —22           |
| 17    | 15           | —7        | 30             | 49                 | 50            | 100    | —5            | —27           |
| 18    | 15           | —17       | 33             | 45                 | 45            | 100    | —5            | —27           |
| 19    | 10           | —13       | 32             | 44                 | 40            | 80     | —5            | —12           |
| 20    | 15           | —10       | 32             | 44                 | 40            | 80     | —5            | —10           |
| 21    | 30           | —10       | 35             | 45                 | 50            | 60     | —5            | —6            |
| 22    | 30           | —10       | 48             | 44                 | 40            | 30     | —5            | —2            |
| 23    | 20           | —10       | 52             | 48                 | 55            | 30     | —5            | 0             |
| 24    | 20           | —7        | 56             | 58                 | 55            | 30     | —5            | + 2           |
| 25    | 25           | —7        | 58             | 50                 | 50            | 30     | —5            | —3            |
| 26    | 15           | —3        | 62             | 48                 | 45            | 35     | —5            | —10           |
| 27    | 10           | + 73      | 70             | 65                 | 60            | 35     | —5            | —6            |
| 28    | 30           | 73        | 100            | 110                | 130           | 35     | —5 l          | + 7 l         |
| Σ     | 790          | 216       | 1486           | 1498               | 1940          | 1910   | —140          | —466          |
| Sred. | 28.2         | 7.7       | 53.1           | 53.5               | 69.3          | 68.2   | —5.0          | —16.6         |

Rzeszów: Śnieg d. 6, 7, 10, 12, 23 i 24.

Jagodniki: Dęszcz d. 7, 8, 9, 18, 21 i 22; śnieg d. 1, 2, 14 i 27; śn. i d. d. 10, 11, 12 i 23.

Ujście Jeznick.: Dęszcz d. 7, 9, 17, 18, 21 i 22; śnieg d. 2, 5, 11, 24, 25 i 28; dęszcz i śn. d. 6, 10 i 23.

Szczucin: Dęszcz d. 8, 9, 10, 18, 21 i 22; śnieg d. 1, 2, 6, 14, 27 i 28; śn. i dęszcz d. 7, 11 i 23.

Dzików: Dęszcz d. 9, 10, 17, 18 i 22; śnieg d. 1, 2, 11, 12, 23, 24, 25, 27 i 28; dęszcz i śn. d. 7 i 26.

Przemyśl: Dęszcz d. 18 i 22; śn. d. 2, 5, 7, 11, 19, 23 i 24; dęszcz i śn. d. 9.



## Luty 1877.

| Dzień        | S a n            |                  |                  |                  |                  | Strwiąż   | Stryj |
|--------------|------------------|------------------|------------------|------------------|------------------|-----------|-------|
|              | Radymno          | Jarosław         | Rzuchów          | Nisko            | Majdan Zbydn.    | Koniuszki | Stryj |
| 1            | -74 <sup>l</sup> | -10 <sup>l</sup> | -18 <sup>l</sup> | +31 <sup>l</sup> | -18 <sup>s</sup> | +130      | -60   |
| 2            | -74              | -10              | -20              | 31               | -20 <sup>l</sup> | 130       | -60   |
| 3            | -74              | -10              | -22              | 26               | -20              | 130       | -60   |
| 4            | -84              | -18              | -24              | 23               | -20              | 130       | -60   |
| 5            | -84              | -20              | -24              | 23               | -20              | 130       | -60   |
| 6            | -84              | -26              | -22              | 21               | -20              | 130       | -60   |
| 7            | -84              | -28              | -20              | 21               | -20              | 130       | -60   |
| 8            | -84              | -30              | -18              | 23               | -20              | 130       | -60   |
| 9            | -70              | -10              | -6               | 26               | -20              | 130       | -60   |
| 10           | -50              | 0                | +18              | 47               | +34 <sup>l</sup> | 130       | -60   |
| 11           | -40              | +6               | 36 <sup>l</sup>  | 73               | 58 <sup>k</sup>  | 130       | -60   |
| 12           | -30              | 12               | 56 <sup>k</sup>  | 95               | 42 <sup>k</sup>  | 130       | -60   |
| 13           | -30              | 20               | 56               | 87               | 34 <sup>s</sup>  | 130       | -60   |
| 14           | -30              | 18               | 32               | 87               | 22               | 120       | -60   |
| 15           | -40              | 10               | 28               | 70               | 40 <sup>s</sup>  | 90        | -60   |
| 16           | -50              | 6                | 26               | 63               | 40               | 90        | -60   |
| 17           | -60              | 0                | 24               | 47               | 40               | 100       | -60   |
| 18           | -64              | 0                | 10               | 47               | 42               | 100       | -60   |
| 19           | -50              | 0                | -10              | 47               | 44               | 120       | -60   |
| 20           | -50              | 4                | +12              | 63               | 50               | 130       | -60   |
| 21           | -40              | 10               | 26 <sup>s</sup>  | 87               | 61               | 140       | -60   |
| 22           | -30 <sup>l</sup> | 10 <sup>l</sup>  | 34               | 102 <sup>l</sup> | 67               | 140       | -60   |
| 23           | 0 <sup>k</sup>   | 14 <sup>k</sup>  | 48               | 105 <sup>k</sup> | 88 <sup>k</sup>  | 140       | -50   |
| 24           | -40 <sup>k</sup> | 10               | 44               | 100              | 82 <sup>k</sup>  | 160       | -50   |
| 25           | -50              | 10               | 40               | 77 <sup>k</sup>  | 70               | 160       | -50   |
| 26           | -60              | 18               | 28               | 55               | 52               | 160       | -50   |
| 27           | -40              | 20               | 10               | 47               | 54               | 170       | -40   |
| 28           | -30              | 40               | 38 <sup>s</sup>  | 63 <sup>s</sup>  | 54               | 170       | -40   |
| <i>Σ</i>     | -1496            | 46               | 374              | 158              | 796              | 3680      | -1600 |
| <i>Sred.</i> | -53.4            | 1.6              | 13.4             | 56.7             | 28.4             | 131.4     | -57.1 |

*Radymno*: Dąszcz d. 9, 12, 18, 22 i 25; śnieg d. 2, 10, 14, 16 i 23; dąszcz i śnieg d. 7 i 8.

*Jarosław*: Dąszcz d. 9, 12, 18, 22 i 25; śnieg d. 2, 10, 14, 16 i 23; dąszcz i śnieg d. 7 i 8.

*Rzuchów*: Dąszcz d. 9 i 18; śnieg d. 1, 5, 6, 7, 10, 12, 14, 15, 23, 25 i 28; dąszcz i śnieg d. 8.

*Nisko*: Dąszcz d. 9; śn. 2, 5, 6, 7, 23, 24, 25 i 27; dąszcz i śn. d. 1, 8 i 12.

*Majdan Zbydu*: Dąszcz d. 18, 22 i 26; śnieg d. 1, 2, 5, 6, 10, 23, 24, 25, 27 i 28; dąszcz i śnieg d. 7, 8, 9 i 12.

*Stryj*: Dąszcz d. 18, 20, 21, 22 i 26; śnieg d. 3, 9, 19, 27 i 28; dąszcz i śn. d. 23.

## Luty 1877.

| Dzień        | Prut             | D n i e s t r   |          |       |        |         |             |
|--------------|------------------|-----------------|----------|-------|--------|---------|-------------|
|              | Koło-myja        | Radłowice       | Rozwadów | Siwka | Halicz | Niżniów | Zaleszczyki |
| 1            | -20 <sup>l</sup> | +10             | 50       | +52   | +80    | +50     | +147        |
| 2            | -20              | 10              | 50       | 52    | 80     | 50      | 147         |
| 3            | -20              | 10              | 50       | 49    | 80     | 50      | 145         |
| 4            | -20              | 10              | 50       | 45    | 80     | 50      | 153         |
| 5            | -20              | 10              | 50       | 39    | 80     | 45      | 158         |
| 6            | -20              | 10              | 50       | 37    | 80     | 40      | 155         |
| 7            | -20              | 10              | 50       | 45    | 80     | 38      | 155         |
| 8            | -20              | 10              | 40       | 33    | 80     | 40      | 139         |
| 9            | -20              | 10              | 40       | 29    | 80     | 45      | 124         |
| 10           | -20              | 10              | 40       | 28    | 80     | 45      | 118         |
| 11           | -20              | 10              | 60       | 30    | 76     | 45      | 129         |
| 12           | -20              | 10              | 70       | 35    | 70     | 45      | 142         |
| 13           | -20              | 10              | 70       | 33    | 70     | 45      | 147         |
| 14           | -20              | 10              | 60       | 30    | 65     | 40      | 142         |
| 15           | -20              | 10              | 60       | 28    | 60     | 40      | 137         |
| 16           | -20              | 10              | 50       | 25    | 60     | 38      | 134         |
| 17           | -20              | 10              | 50       | 23    | 60     | 38      | 134         |
| 18           | -20              | 10 <sup>l</sup> | 40       | 28    | 60     | 40      | 137         |
| 19           | -20              | 10 <sup>k</sup> | 40       | 29    | 60     | 40      | 140         |
| 20           | -20              | 9               | 50       | 32    | 60     | 40      | 142         |
| 21           | -20              | 8               | 90       | 39    | 70     | 45      | 140         |
| 22           | -20              | 5               | 120      | 45    | 70     | 50      | 142         |
| 23           | -20              | 2               | 120      | 49    | 74     | 50      | 147         |
| 24           | -20              | 1               | 120      | 57    | 80     | 50      | 150         |
| 25           | -20              | 1               | 120      | 59    | 80     | 45      | 153         |
| 26           | -20              | 1               | 100      | 55    | 80     | 45      | 158         |
| 27           | -20              | 1               | 100      | 39    | 83     | 46      | 163         |
| 28           | -20 <sup>l</sup> | 1               | 120      | 40    | 10     | 52      | 168         |
| <i>Σ</i>     | -560             | 219             | 1910     | 1085  | 1988   | 1247    | 4046        |
| <i>Sred.</i> | -20.0            | 7.8             | 68.2     | 38.7  | 71.0   | 44.5    | 144.5       |

*Rozwadów*: Dąszcz d. 18, 26 i 27; śnieg d. 3, 8, 19, 23 i 24.

*Niżniów*: Dąszcz d. 25; śnieg d. 2, 6, 7, 9, 14, 21, 23 i 24; dąszcz i śn. d. 8 i 27.



Marzec 1927.

| Dzień | Sola        |           | Skawa     |       | Dunajec   |           |       | Wisłoka  |
|-------|-------------|-----------|-----------|-------|-----------|-----------|-------|----------|
|       | Kobier-nice | Oświę-cim | Wado-wice | Zator | Nowy Sącz | Zgło-bice | Żabno | Łabu-zie |
| 1     | 0           | -5        | -25       | +15   | +120      | -2        | +10 s | +20      |
| 2     | 0           | -10       | -25       | 0     | 120       | -4        | 5     | 10       |
| 3     | 0           | -10       | -25       | -5    | 120       | -8        | 0 s   | 10       |
| 4     | 0           | -20       | -25       | -10   | 120       | 10        | 0 l   | 0        |
| 5     | 0           | -20       | -25       | -10   | 100       | -10       | 0     | 0        |
| 6     | 0           | -20       | -25       | -10   | 100       | -12       | -5    | 0        |
| 7     | 0           | -20       | -25       | -12   | 110       | -16       | +10   | 0        |
| 8     | 0           | -20       | -25       | 0     | 120       | -14       | 20    | 10       |
| 9     | 0           | -20       | -25       | -6    | 120       | -12       | 10    | 10       |
| 10    | 0           | -20       | -25       | -10   | 120       | -10       | 5     | 20       |
| 11    | 0           | -20       | -25       | -10   | 110       | -10       | 0     | 10       |
| 12    | 0           | -20       | -25       | -12   | 100       | -12       | -5    | 20       |
| 13    | +15         | -20       | -25       | -12   | 100       | -12       | -10   | 20       |
| 14    | 15          | -20       | -25       | -12   | 110       | -12       | -10   | 10       |
| 15    | 15          | -20       | -25       | -14   | 110       | -14       | -15   | 10       |
| 16    | 21          | -50       | 0         | -14   | 110       | -20       | -20   | 20       |
| 17    | 21          | 0         | +10       | -14   | 110       | -20       | -10 l | 30       |
| 18    | 30          | +25       | 40        | 0     | 130       | +25       | +20   | 50       |
| 19    | 30          | 20        | 35        | +10   | 150       | 20        | 80    | 60       |
| 20    | 60          | 10        | 70        | 20    | 150       | 10        | 75    | 70       |
| 21    | 70          | 85        | 90        | 90    | 210       | 100       | 150   | 210      |
| 22    | 76          | 75        | 70        | 60    | 270       | 180       | 320   | 370      |
| 23    | 115         | 55        | 35        | 50    | 210       | 100       | 250   | 200      |
| 24    | 86          | 65        | 30        | 40    | 200       | 85        | 200   | 140      |
| 25    | 79          | 50        | 15        | 30    | 170       | 60        | 150   | 90       |
| 26    | 79          | 35        | 10        | 15    | 160       | 35        | 140   | 90       |
| 27    | 70          | 50        | 10        | 10    | 160       | 60        | 120   | 80       |
| 28    | 70          | 45        | 10        | 5     | 170       | 60        | 130   | 70       |
| 29    | 76          | 35        | 10        | 0     | 178       | 60        | 120   | 60       |
| 30    | 86          | 35        | 10        | -4    | 184       | 54        | 110   | 60       |
| 31    | 86          | 35        | 10        | -8    | 170       | 54        | 100   | 60       |
| Σ     | 1100        | 305       | 80        | 182   | 4402      | 705       | 1950  | 1810     |
| Śred. | 35.5        | 9.8       | 2.6       | 5.9   | 142.0     | 22.7      | 62.9  | 58.4     |

Nowy Sącz: Dęszcz d. 18, 21, 23, 24 i 31; śnieg d. 2, 3, 9, 10, 12, 14 i 15.

Zgłobice: Dęszcz d. 18, 20, 21, 22, 23, 24, 28, 29 i 31; śnieg d. 2, 8 i 10.

Żabno: Dęszcz d. 17, 18, 19, 21, 23, 29, 30 i 31; śn. d. 1, 2, 3, 8, 13, 14 i 15.

Łabuzie: Dęszcz d. 17, 18, 21, 29 i 30; śnieg d. 1, 2, 3, 8, 9, 10, 12, 14 i 15 i 24; dęszcz i śnieg d. 16.

Marzec 1927.

| Dzień | Wisłok       | W i s ł a |                |                    |               |        | S a n         |               |
|-------|--------------|-----------|----------------|--------------------|---------------|--------|---------------|---------------|
|       | Rze-<br>szów | Kraków    | Jago-<br>dniki | Ujście<br>Jezuick. | Szczu-<br>cin | Dzików | Posto-<br>łów | Prze-<br>myśl |
| 1     | + 30         | + 40      | + 95           | + 100              | + 105         | + 30   | -5 l          | 0 s           |
| 2     | 25           | 5         | 74             | 79                 | 75            | 20     | -5            | -2 s          |
| 3     | 15           | -6        | 40             | 53                 | 50            | 15     | -5            | -10 l         |
| 4     | 20           | -14       | 40             | 42                 | 50            | 15     | -5            | -12           |
| 5     | 20           | -18       | 30             | 38                 | 40            | 15     | -5            | -13           |
| 6     | 20           | -25       | 25             | 33                 | 30            | 15     | -5            | -14           |
| 7     | 21           | -33       | 30             | 30                 | 30            | 10     | -5            | -10           |
| 8     | 26           | -15       | 40             | 35                 | 45            | 10     | -5            | -4            |
| 9     | 33           | -12       | 46             | 50                 | 55            | 10     | -5            | -7            |
| 10    | 33           | -15       | 50             | 36                 | 55            | 5      | -5            | -10           |
| 11    | 25           | -22       | 40             | 30                 | 45            | 5      | -5            | -20           |
| 12    | 27           | -33       | 30             | 26                 | 30            | 5      | -5            | -29           |
| 13    | 40           | -33       | 25             | 25                 | 30            | 5      | -5            | -30           |
| 14    | 43           | -40       | 25             | 27                 | 30            | 5      | -5            | -30           |
| 15    | 40           | -40       | 26             | 25                 | 30            | 5      | -5            | -31 l         |
| 16    | 40           | -40       | 35             | 30                 | 40            | 10     | -5            | -29 k         |
| 17    | 50           | -22       | 40             | 27                 | 45            | 15     | -5 l          | -29           |
| 18    | 100          | + 40      | 75             | 52                 | 95            | 20     | + 135 k       | -26           |
| 19    | 200          | 64        | 84             | 98                 | 85            | 20     | 80            | + 72          |
| 20    | 200          | 42        | 93             | 115                | 140           | 20     | 80            | 33            |
| 21    | 240          | 112       | 154            | 160                | 145           | 120    | 105           | 210           |
| 22    | 300          | 135       | 286            | 220                | 295           | 270    | 240           | 390           |
| 23    | 220          | 111       | 190            | 192                | 205           | 316    | 155           | 270           |
| 24    | 210          | 78        | 135            | 145                | 135           | 270    | 115           | 110           |
| 25    | 150          | 68        | 102            | 130                | 115           | 220    | 70            | 94            |
| 26    | 135          | 40        | 90             | 98                 | 110           | 170    | 70            | 54            |
| 27    | 115          | 23        | 78             | 75                 | 55            | 155    | 48            | 38            |
| 28    | 100          | 34        | 74             | 83                 | 80            | 120    | 48            | 44            |
| 29    | 50           | 35        | 68             | 89                 | 70            | 100    | 48            | 60            |
| 30    | 40           | 22        | 72             | 78                 | 70            | 130    | 30            | 48            |
| 31    | 35           | 17        | 74             | 70                 | 75            | 110    | 30            | 37            |
| Σ     | 2603         | 498       | 2272           | 2291               | 2490          | 2236   | 1169          | 1154          |
| Śred. | 87.2         | 16.1      | 73.3           | 73.9               | 80.3          | 72.1   | 37.7          | 37.2          |

Rzeszów: Dęszcz d. 17, 29 i 30; śnieg d. 1, 3, 12 i 15.

Jagodniki: Dęszcz d. 17, 18, 19, 21, 23, 28, 30 i 31; śnieg d. 1, 2, 3, 9, 14 i 15; dęszcz i śnieg d. 8 i 16.

Ujście Jezuckie: Dęszcz d. 17, 21, 23, 28, 29, 30 i 31; śn. d. 2, 3, 8, 10, 14 i 15.

Szczucin: Dęszcz d. 21, 23, 29 i 30; śn. d. 3, 9, 10, 12, 14 i 15; d. i śn. d. 8.

Dzików: Dęszcz d. 17, 18, 20, 23, 28, 29 i 30; śnieg d. 2, 3, 9, 11, 12, 14 i 15; dęszcz i śnieg d. 8, 16 i 19.

Przemysł: Dęszcz d. 18, 21, 28 i 30; śnieg d. 1, 3, 10 i 15.



Marzec 1877.

| Dzień | S a n   |          |         |       |               | Strwiąż   | Stryj |
|-------|---------|----------|---------|-------|---------------|-----------|-------|
|       | Radymno | Jarosław | Rzuchów | Nisko | Majdan Zbydn. | Koniuszki | Stryj |
| 1     | -30 s   | +30 s    | +46 s   | +79 s | +60 s         | +170      | -40   |
| 2     | -50     | 12       | 34      | 65    | 54            | 160       | -40   |
| 3     | -60 s   | 0 s      | 12      | 52    | 50            | 160       | -50   |
| 4     | -60 l   | 10 l     | 8       | 26    | 30 s          | 150       | -50   |
| 5     | -60     | 22       | 10      | 13    | 18 l          | 140       | -50   |
| 6     | -60     | 30       | 12      | 10 s  | 20 l          | 130       | -50   |
| 7     | -40     | 40       | 8       | 24    | 73 k          | 150       | -60   |
| 8     | -30     | 42       | 12 s    | 31    | 76 k          | 150       | -60   |
| 9     | -30     | 38       | 16      | 47    | 57 s          | 150       | -60   |
| 10    | -40     | 38       | 4       | 58    | 60 s          | 140       | -60   |
| 11    | -50     | 36       | -6      | 36    | 42 l          | 140       | -60   |
| 12    | -50     | 34       | -14     | 16    | 30            | 120       | -60   |
| 13    | -60     | 32       | -16     | 16    | 22            | 120       | -60   |
| 14    | -70     | 30       | -16     | 13    | 24            | 140       | -60   |
| 15    | -70     | 30       | -16     | 16    | 29            | 140       | -60   |
| 16    | -60     | 30       | -14     | 16    | 34            | 140       | -60   |
| 17    | -60     | 24       | -4      | 18    | 37 l          | 140       | -60   |
| 18    | -10 l   | 34 l     | +12     | 31    | 92 k          | 180       | -20   |
| 19    | -20 k   | 120 k    | 74      | 118   | 114 k         | 230       | +40   |
| 20    | 60 k    | 106 k    | 264     | 144   | 182           | 230       | 20    |
| 21    | 150     | 164      | 128     | 189   | 214           | 270       | 120   |
| 22    | 340     | 260      | 280     | 266   | 223           | 290       | 170   |
| 23    | 394     | 312      | 246     | 295   | 249           | 290       | 80    |
| 24    | 206     | 230      | 184     | 271   | 215           | 280       | 60    |
| 25    | 150     | 170      | 168     | 197   | 174           | 260       | 50    |
| 26    | 84      | 110      | 142     | 179   | 142           | 250       | 30    |
| 27    | 50      | 80       | 128     | 150   | 106           | 230       | 30    |
| 28    | 60      | 78       | 110     | 134   | 92            | 210       | 40    |
| 29    | 70      | 82       | 106     | 126   | 54            | 190       | 40    |
| 30    | 70      | 80       | 110     | 134   | 66            | 180       | 30    |
| 31    | 66      | 70       | 108     | 134   | 114           | 170       | 40    |
| Σ     | 830     | 2374     | 2136    | 2904  | 2753          | 5700      | -210  |
| Śred. | 26.8    | 76.6     | 68.9    | 93.7  | 88.8          | 183.9     | -6.8  |

Radymno: Dąszcz d. 16, 21 i 28; śnieg d. 3, 9, 10, 14 i 15.

Jarosław: Dąszcz d. 16, 21 i 28; śnieg d. 3, 9, 10, 14 i 15.

Rzuchów: Dąszcz d. 19, 23, 28, 29 i 30; śnieg d. 1, 3, 10, 12, 14 i 15.

Nisko: Dąszcz d. 17, 18, 21, 22, 28, 29, 30 i 31; śnieg d. 3, 14, 15 i 16; dąszcz i śnieg d. 8.

Majdan Zbydn.: Dąszcz d. 17, 18, 19, 21, 28, 29 i 30; śnieg d. 1, 3, 9, 14, 15 i 16; dąszcz i śnieg d. 8.

Stryj: Dąszcz d. 18, 19, 22, 24, 28, 30 i 31; śnieg d. 2, 3, 4 i 10.

Marzec 1877.

| Dzień | Prut      | D n i e s t r |          |       |        |         |             |
|-------|-----------|---------------|----------|-------|--------|---------|-------------|
|       | Koło-myja | Radłowice     | Rozwadów | Siwka | Halicz | Niżniów | Zaleszczyki |
| 1     | -20 l     | +1            | +190     | +80   | +125   | +68     | +163        |
| 2     | -20       | 1             | 180      | 82    | 125    | 60      | 187         |
| 3     | -20       | 1             | 170 s    | 78    | 125    | 60      | 200         |
| 4     | -20       | 1             | 160      | 77    | 115    | 50      | 179         |
| 5     | -20       | 1             | 150 s    | 49    | 100    | 40      | 169         |
| 6     | -20       | 1             | 140      | 43    | 100    | 30      | 150         |
| 7     | -20       | 1             | 130      | 47    | 100    | 30      | 140         |
| 8     | -20       | 1             | 120      | 48    | 100    | 30      | 129         |
| 9     | -20       | 1             | 120      | 55    | 100    | 40      | 142         |
| 10    | -20       | 1             | 130 s    | 55    | 100    | 40      | 163         |
| 11    | -10       | 1             | 130      | 55    | 100    | 40      | 161         |
| 12    | -20       | 1             | 120      | 58    | 100    | 40      | 163         |
| 13    | -20       | 1             | 110 s    | 48    | 100    | 40      | 147         |
| 14    | -20       | 1             | 100 l    | 42    | 100    | 38      | 137         |
| 15    | -20 l     | 1             | 90       | 37    | 100    | 35      | 134         |
| 16    | 0         | 15            | 90       | 42    | 100    | 30      | 137         |
| 17    | 0         | 40            | 90       | 43    | 100    | 30      | 140         |
| 18    | +10       | 50            | 120      | 65    | 110    | 60      | 140         |
| 19    | 50        | 40            | 190 l    | 120   | 182    | 165     | 155         |
| 20    | 30        | 40            | 250 k    | 238   | 240    | 150     | 290         |
| 21    | 50        | 95            | 270 k    | 180   | 200    | 190     | 527         |
| 22    | 70        | 120           | 280      | 245   | 250    | 150     | 964         |
| 23    | 40        | 100           | 280      | 295   | 300    | 295     | 395         |
| 24    | 40        | 90            | 280      | 175   | 325    | 301     | 369         |
| 25    | 30        | 80            | 280      | 315   | 260    | 280     | 382         |
| 26    | 20        | 60            | 280      | 210   | 230    | 225     | 342         |
| 27    | 10        | 50            | 270      | 187   | 190    | 180     | 290         |
| 28    | 10        | 40            | 260      | 160   | 170    | 150     | 253         |
| 29    | 20        | 40            | 250      | 136   | 158    | 145     | 216         |
| 30    | 10        | 40            | 240      | 121   | 148    | 135     | 190         |
| 31    | 40        | 40            | 240      | 125   | 140    | 125     | 182         |
| Σ     | 130       | 955           | 5710     | 3511  | 4693   | 3252    | 7336        |
| Śred. | 4.2       | 30.8          | 184.2    | 113.8 | 151.4  | 104.9   | 236.6       |

Rozwadów: Dąszcz d. 8 i 18; śnieg d. 3, 4, 10 i 14.

Niżniów: Dąszcz d. 17, 18, 24, 30 i 31; śnieg d. 2, 3, 4, 5, 9, 14, 15 i 16; dąszcz i śnieg d. 19.

Zaleszczyki: Nader wysoki stan Dniestru w ostatnim dziesiątku dni Marca spowodowany został zatorem lodów pod Gródkiem 15 kilometrów poniżej Zaleszczyk.



## Kwiecień 1877.

| Dzień | Sola        |           | Skawa     |       | Dunajec   |          |       | Wisłoka |
|-------|-------------|-----------|-----------|-------|-----------|----------|-------|---------|
|       | Kobier-nice | Oświę-cim | Wado-wice | Zator | Nowy Sącz | Zgłobice | Żabno |         |
| 1     | + 55        | + 45      | 0         | 4     | + 180     | + 40     | + 90  | + 60    |
| 2     | 40          | 30        | + 50      | 5     | 190       | 35       | 80    | 80      |
| 3     | 40          | 30        | 0         | 4     | 190       | 30       | 70    | 80      |
| 4     | 40          | 30        | 0         | 3     | 180       | 25       | 60    | 70      |
| 5     | 35          | 25        | - 50      | 0     | 170       | 20       | 70    | 60      |
| 6     | 30          | 20        | - 10      | 0     | 150       | 10       | 60    | 50      |
| 7     | 23          | 15        | - 12      | - 5   | 150       | 10       | 50    | 50      |
| 8     | 20          | 15        | + 45      | + 18  | 150       | 10       | 40    | 40      |
| 9     | 20          | 10        | 20        | 10    | 150       | 10       | 30    | 40      |
| 10    | 15          | 5         | 0         | 10    | 150       | 10       | 20    | 30      |
| 11    | 15          | 5         | - 50      | 5     | 150       | 10       | 10    | 30      |
| 12    | 20          | 10        | 0         | 0     | 150       | 4        | 0     | 30      |
| 13    | 25          | 20        | + 10      | 10    | 170       | 40       | 10    | 60      |
| 14    | 20          | 15        | 50        | 5     | 160       | 46       | 30    | 60      |
| 15    | 10          | 5         | 0         | 0     | 160       | 40       | 50    | 70      |
| 16    | 0           | 0         | 0         | 0     | 150       | 30       | 30    | 60      |
| 17    | 0           | - 3       | 0         | 0     | 150       | 20       | 20    | 50      |
| 18    | 0           | - 5       | 0         | 0     | 150       | 10       | 10    | 70      |
| 19    | 0           | - 5       | 0         | 4     | 150       | 20       | 20    | 70      |
| 20    | 0           | - 5       | + 5       | 10    | 150       | 20       | 30    | 70      |
| 21    | - 6         | - 10      | 10        | 10    | 150       | 20       | 20    | 80      |
| 22    | + 15        | + 10      | 10        | 12    | 150       | 20       | 10    | 80      |
| 23    | 15          | 10        | 5         | 12    | 150       | 18       | 20    | 80      |
| 24    | 15          | 10        | 20        | 12    | 150       | 18       | 30    | 70      |
| 25    | 25          | 20        | 35        | 14    | 160       | 30       | 80    | 100     |
| 26    | 15          | 10        | 25        | 10    | 160       | 24       | 60    | 80      |
| 27    | 10          | 5         | 12        | 12    | 150       | 25       | 40    | 70      |
| 28    | 10          | 5         | 15        | 10    | 150       | 26       | 30    | 60      |
| 29    | 25          | 20        | 10        | 10    | 160       | 26       | 20    | 50      |
| 30    | 30          | 25        | 18        | 10    | 160       | 30       | 10    | 50      |
| Śred. | 56.2        | 36.7      | 21.8      | 19.5  | 474.0     | 67.8     | 110.0 | 185.0   |
| Śred. | 18.7        | 12.2      | 7.3       | 6.5   | 158.0     | 22.6     | 36.7  | 61.7    |

Nowy Sącz: Dąszcz d. 5, 12, 20 i 30; śnięć d. 2, 3, 15, 16, 18, 21, 22 i 23; dąszcz i śnięć d. 19.

Zgłobice: Dąszcz d. 12 i 15; śnięć d. 16 i 21; dąszcz i śnięć d. 18 i 19.

Żabno: Dąszcz d. 1, 2, 5, 12, 20 i 26; dąszcz i śnięć d. 16, 17 i 18.

Łabuzie: Dąszcz d. 1, 5, 12, 29 i 30; śnięć d. 3, 13, 15, 16, 18 i 21; dąszcz i śnięć d. 2.

## Kwiecień 1877.

| Dzień | Wisłok   | W i s ł a |            |                 |           |        | S a n     |           |
|-------|----------|-----------|------------|-----------------|-----------|--------|-----------|-----------|
|       | Rze-szów | Kraków    | Jago-dniki | Ujście Jeznick. | Szczu-cin | Dzików | Posto-łów | Prze-mysł |
| 1     | + 35     | + 25      | + 72       | + 84            | + 80      | + 100  | + 40      | 54        |
| 2     | 35       | 18        | 08         | 71              | 70        | 100    | 35        | 46        |
| 3     | 30       | 25        | 65         | 63              | 70        | 97     | 45        | 53        |
| 4     | 30       | 28        | 61         | 61              | 65        | 96     | 25        | 40        |
| 5     | 25       | 17        | 60         | 56              | 60        | 96     | 30        | 29        |
| 6     | 26       | 3         | 50         | 51              | 50        | 94     | 30        | 27        |
| 7     | 25       | - 5       | 44         | 45              | 45        | 93     | 35        | 38        |
| 8     | 30       | - 5       | 44         | 44              | 45        | 90     | 25        | 33        |
| 9     | 30       | + 26      | 48         | 42              | 50        | 90     | 20        | 21        |
| 10    | 35       | 23        | 68         | 50              | 70        | 87     | 20        | 20        |
| 11    | 30       | 8         | 70         | 45              | 75        | 85     | 15        | 19        |
| 12    | 25       | - 3       | 74         | 32              | 75        | 80     | 15        | 18        |
| 13    | 30       | - 2       | 81         | 39              | 85        | 76     | 45        | 54        |
| 14    | 45       | 0         | 92         | 77              | 95        | 95     | 40        | 69        |
| 15    | 55       | - 12      | 64         | 62              | 65        | 130    | 25        | 44        |
| 16    | 40       | - 17      | 48         | 47              | 50        | 120    | 25        | 29        |
| 17    | 30       | - 17      | 48         | 40              | 50        | 100    | 25        | 27        |
| 18    | 35       | - 17      | 40         | 40              | 45        | 95     | 45        | 25        |
| 19    | 40       | - 15      | 54         | 44              | 50        | 80     | 35        | 41        |
| 20    | 40       | - 13      | 50         | 48              | 55        | 75     | 35        | 60        |
| 21    | 50       | - 7       | 56         | 50              | 55        | 80     | 25        | 54        |
| 22    | 55       | + 8       | 70         | 60              | 75        | 85     | 25        | 56        |
| 23    | 65       | 10        | 74         | 60              | 80        | 90     | 25        | 45        |
| 24    | 60       | 10        | 88         | 70              | 90        | 90     | 20        | 40        |
| 25    | 60       | 24        | 80         | 85              | 90        | 160    | 20        | 45        |
| 26    | 100      | 24        | 87         | 85              | 95        | 160    | 25        | 50        |
| 27    | 100      | 5         | 82         | 72              | 90        | 140    | 35        | 53        |
| 28    | 70       | - 4       | 60         | 62              | 65        | 135    | 45        | 58        |
| 29    | 60       | - 3       | 54         | 62              | 55        | 120    | 45        | 63        |
| 30    | 50       | 0         | 52         | 56              | 45        | 110    | 60        | 66        |
| Śred. | 136.1    | 13.1      | 190.4      | 170.3           | 199.0     | 304.9  | 93.5      | 127.7     |
| Śred. | 45.4     | 4.4       | 63.5       | 56.8            | 66.3      | 101.6  | 31.2      | 42.6      |

Rzeszów: Dąszcz d. 1, 5 i 12; dąszcz i śnięć d. 16, 21 i 22.

Jagodniki: Dąszcz d. 1, 5 i 12; śnięć d. 20; dąszcz i śnięć d. 2, 15, 16, 17, 18, 19, 21, 22 i 23.

Ujście Jeznickie: Dąszcz d. 1, 5, 12 i 26; dąszcz i śnięć d. 2, 15, 16, 18, 19, 21, 22 i 23.

Szczucin: Dąszcz d. 12; śnięć d. 15; dąszcz i śn. d. 2, 16, 18, 21 i 22.

Dzików: Dąszcz d. 1, 6, 12, 24 i 30; śnięć d. 15 i 22; dąszcz i śnięć d. 16, 17, 18, 21 i 23.

Przemysł: Dąszcz d. 1, 5, 7, 12 i 15; śn. d. 3, 16, 21 i 22; dąszcz i śn. d. 13 i 18.



## Kwiecień 1877.

| Dzień | S a n   |          |         |       |               | Strwiąż   | Stryj |
|-------|---------|----------|---------|-------|---------------|-----------|-------|
|       | Radymno | Jarosław | Rzuchów | Nisko | Majdan Zbydn. | Koniuszki | Stryj |
| 1     | + 66    | + 82     | + 114   | + 126 | + 118         | + 170     | + 50  |
| 2     | 60      | 100      | 110     | 134   | 128           | 190       | 30    |
| 3     | 54      | 74       | 106     | 126   | 117           | 220       | 30    |
| 4     | 50      | 80       | 104     | 126   | 107           | 200       | 30    |
| 5     | 20      | 62       | 86      | 123   | 100           | 190       | 20    |
| 6     | - 10    | 46       | 82      | 102   | 86            | 190       | 50    |
| 7     | 22      | 56       | 78      | 95    | 79            | 190       | 50    |
| 8     | 24      | 64       | 72      | 95    | 76            | 190       | 40    |
| 9     | 10      | 50       | 68      | 102   | 69            | 170       | 50    |
| 10    | 0       | 40       | 62      | 87    | 65            | 150       | 30    |
| 11    | - 10    | 30       | 56      | 79    | 56            | 130       | 20    |
| 12    | - 20    | 20       | 54      | 68    | 50            | 130       | 20    |
| 13    | + 100   | 136      | 98      | 63    | 46            | 140       | 70    |
| 14    | 106     | 120      | 166     | 166   | 112           | 180       | 50    |
| 15    | 50      | 94       | 134     | 166   | 134           | 220       | 50    |
| 16    | 40      | 100      | 96      | 130   | 122           | 210       | 20    |
| 17    | 24      | 66       | 88      | 113   | 95            | 210       | 20    |
| 18    | 14      | 58       | 84      | 113   | 102           | 240       | 20    |
| 19    | 60      | 96       | 126     | 115   | 95            | 250       | 30    |
| 20    | 100     | 100      | 132     | 155   | 134           | 260       | 40    |
| 21    | 80      | 130      | 142     | 163   | 142           | 260       | 30    |
| 22    | 90      | 146      | 144     | 152   | 142           | 270       | 30    |
| 23    | 60      | 114      | 148     | 163   | 139           | 270       | 20    |
| 24    | 50      | 100      | 144     | 160   | 142           | 260       | 20    |
| 25    | 66      | 96       | 156     | 160   | 145           | 250       | 20    |
| 26    | 70      | 90       | 138     | 163   | 145           | 250       | 30    |
| 27    | 80      | 90       | 134     | 145   | 134           | 250       | 20    |
| 28    | 86      | 96       | 128     | 137   | 126           | 250       | 20    |
| 29    | 90      | 106      | 122     | 134   | 114           | 150       | 40    |
| 30    | 90      | 104      | 114     | 137   | 109           | 150       | 40    |
| N     | 1552    | 2546     | 3276    | 3798  | 3232          | 6410      | 990   |
| Sred. | 51.7    | 84.9     | 109.2   | 126.6 | 107.7         | 213.7     | 33.0  |

Radymno: Dąszcz d. 12 i 20; śnięć d. 2, 18, 21 i 22; dąszcz i śn. d. 13 i 16.  
 Jarosław: Dąszcz d. 12 i 20; śnięć d. 2, 18, 21 i 22; dąszcz i śn. d. 13 i 16.  
 Rzuchów: Dąszcz d. 1, 2, 3, 12 i 30; śnięć d. 15, 21 i 22; dąszcz i śnięć d. 13, 16 i 24.

Nisko: Dąszcz d. 12; śnięć d. 3, 17, 21 i 22; dąszcz i śn. d. 2, 15, 16 i 24.

Majdan Zbydn.: Dąszcz d. 1, 5, 12 i 30; śnięć d. 15, 18, 21, 22 i 23; dąszcz i śnięć d. 2, 16 i 24.

Stryj: Dąszcz d. 5; śnięć d. 7, 8, 19, 20, 25, 26, 29 i 30; dąszcz i śnięć d. 2, 13, 16 i 18.

## Kwiecień 1877.

| Dzień | Prut      | D n i e s t r |          |       |        |         |             |
|-------|-----------|---------------|----------|-------|--------|---------|-------------|
|       | Koło-myja | Radłowice     | Rozwadów | Siwka | Halicz | Niżniów | Zaleszczyki |
| 1     | + 40      | + 40          | + 230    | + 130 | + 150  | + 130   | + 211       |
| 2     | 20        | 33            | 220      | 120   | 145    | 130     | 208         |
| 3     | 20        | 30            | 220      | 122   | 141    | 130     | 205         |
| 4     | 10        | 30            | 230      | 117   | 138    | 127     | 197         |
| 5     | 10        | 30            | 230      | 107   | 128    | 120     | 195         |
| 6     | 30        | 30            | 220      | 115   | 125    | 120     | 190         |
| 7     | 30        | 50            | 220      | 138   | 134    | 135     | 184         |
| 8     | 30        | 30            | 220      | 143   | 150    | 140     | 179         |
| 9     | 40        | 20            | 220      | 155   | 175    | 180     | 171         |
| 10    | 20        | 20            | 220      | 134   | 160    | 150     | 166         |
| 11    | 10        | 20            | 220      | 109   | 138    | 130     | 161         |
| 12    | 10        | 20            | 210      | 95    | 120    | 130     | 155         |
| 13    | 0         | 50            | 200      | 104   | 110    | 115     | 147         |
| 14    | 10        | 40            | 190      | 120   | 140    | 125     | 142         |
| 15    | 0         | 30            | 180      | 102   | 135    | 130     | 132         |
| 16    | 0         | 40            | 190      | 84    | 115    | 115     | 147         |
| 17    | - 10      | 50            | 190      | 84    | 106    | 110     | 153         |
| 18    | 0         | 60            | 200      | 87    | 110    | 110     | 158         |
| 19    | 0         | 70            | 210      | 99    | 120    | 120     | 166         |
| 20    | + 10      | 62            | 240      | 119   | 130    | 120     | 169         |
| 21    | 20        | 60            | 250      | 145   | 150    | 130     | 174         |
| 22    | 30        | 60            | 260      | 160   | 190    | 175     | 195         |
| 23    | 20        | 60            | 270      | 147   | 170    | 160     | 205         |
| 24    | 10        | 60            | 280      | 156   | 166    | 150     | 211         |
| 25    | 30        | 60            | 270      | 149   | 175    | 170     | 216         |
| 26    | 30        | 60            | 260      | 143   | 165    | 155     | 222         |
| 27    | 20        | 60            | 260      | 135   | 160    | 150     | 227         |
| 28    | 30        | 60            | 260      | 130   | 148    | 145     | 229         |
| 29    | 30        | 62            | 250      | 128   | 142    | 135     | 229         |
| 30    | 30        | 70            | 250      | 125   | 140    | 130     | 187         |
| N     | 530       | 1367          | 6870     | 3702  | 4276   | 4067    | 5531        |
| Sred. | 17.7      | 45.6          | 229.0    | 123.4 | 142.5  | 135.6   | 184.4       |

Rozwadów: Dąszcz d. 2, 5, 8, 12 i 18; śnięć d. 3, 14, 17, 19, 21, 22, 23 i 26; dąszcz i śnięć d. 16.

Niżniów: Dąszcz d. 2, 5, 6, 7, 8, 13, 15, 18, 19, 20, 25 i 26; śnięć d. 22 i 23; dąszcz i śn. d. 3, 14, 16, 17, 21 i 24.



Maj 1877.

| Dzień | Soła        |          | Skawa    |       | Dunajec   |          |       | Wisłoka |
|-------|-------------|----------|----------|-------|-----------|----------|-------|---------|
|       | Ko-biernice | Oświęcim | Wadowice | Zator | Nowy Sącz | Zgłobice | Żabno | Łabuzie |
| 1     | + 21        | + 30     | + 25     | + 15  | + 170     | + 30     | + 10  | + 50    |
| 2     | 21          | 28       | 20       | 18    | 175       | 60       | 40    | 60      |
| 3     | 16          | 25       | 10       | 12    | 165       | 40       | 30    | 50      |
| 4     | 16          | 10       | 0        | 5     | 160       | 30       | 20    | 40      |
| 5     | 16          | 5        | 0        | 0     | 150       | 20       | 20    | 30      |
| 6     | 16          | 5        | 0        | 10    | 150       | 20       | 10    | 30      |
| 7     | 8           | 5        | 0        | 8     | 150       | 15       | 10    | 20      |
| 8     | 8           | 5        | 0        | 0     | 150       | 10       | 10    | 0       |
| 9     | 8           | 5        | 0        | 5     | 150       | 10       | 20    | 0       |
| 10    | 8           | 20       | 0        | 10    | 160       | 15       | 10    | 0       |
| 11    | 8           | 20       | 0        | 5     | 160       | 30       | 20    | 1       |
| 12    | 8           | 20       | 0        | 0     | 160       | 30       | 30    | 5       |
| 13    | 16          | 15       | 0        | -5    | 155       | 30       | 20    | 4       |
| 14    | 71          | 15       | 0        | 0     | 160       | 30       | 20    | 1       |
| 15    | 69          | 20       | 0        | + 10  | 170       | 50       | 30    | 6       |
| 16    | 110         | 30       | 140      | 80    | 160       | 70       | 50    | 100     |
| 17    | 190         | 150      | 150      | 240   | 250       | 165      | 300   | 210     |
| 18    | 133         | 105      | 160      | 120   | 220       | 140      | 290   | 150     |
| 19    | 103         | 55       | 90       | 60    | 210       | 100      | 300   | 100     |
| 20    | 78          | 80       | 90       | 120   | 240       | 120      | 280   | 180     |
| 21    | 63          | 65       | 65       | 80    | 210       | 120      | 200   | 230     |
| 22    | 126         | 80       | 60       | 120   | 200       | 100      | 180   | 130     |
| 23    | 95          | 110      | 95       | 160   | 205       | 90       | 190   | 120     |
| 24    | 63          | 95       | 80       | 100   | 210       | 100      | 200   | 150     |
| 25    | 63          | 70       | 40       | 60    | 200       | 90       | 150   | 100     |
| 26    | 55          | 50       | 30       | 55    | 185       | 70       | 100   | 70      |
| 27    | 46          | 35       | 30       | 35    | 180       | 60       | 80    | 50      |
| 28    | 46          | 10       | 20       | 30    | 170       | 50       | 70    | 40      |
| 29    | 40          | 5        | 5        | 20    | 165       | 30       | 60    | 30      |
| 30    | 32          | -3       | 5        | 0     | 160       | 20       | 50    | 20      |
| 31    | 25          | -5       | 5        | -10   | 155       | 20       | 30    | 10      |
| Sred. | 51.0        | 37.4     | 36.1     | 44.0  | 177.6     | 56.9     | 91.3  | 64.1    |

Nowy Sącz: Désiez d. 1, 6, 9, 14, 16, 17, 18, 19, 20, 22, 23, 24, 27 i 31;  
 śnieg d. 2, 3 i 4,

Zgłobice: Désiez d. 1, 5, 6, 9, 10, 14, 16, 17, 19, 20, 21, 22, 23, 24 i 25;  
 désiez i śnieg d. 3.

Żabno: Désiez d. 1, 6, 9, 11, 14, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 i 31;  
 śnieg d. 3.

Łabuzie: Désiez d. 1, 5, 6, 9, 10, 14, 16, 21, 22, 24, 27 i 31; śnieg d. 4;  
 désiez i śnieg d. 3.

Maj 1877.

| Dzień | Wisłok  | W i s ł a |           |                 |          |        | S a n    |          |
|-------|---------|-----------|-----------|-----------------|----------|--------|----------|----------|
|       | Rzeszów | Kraków    | Jagodniki | Ujście Jeznick. | Szczucin | Dzików | Postółów | Przemysł |
| 1     | + 45    | -15       | + 63      | + 55            | + 65     | + 110  | + 80     | + 79     |
| 2     | 55      | + 13      | 75        | 90              | 90       | 110    | 65       | 78       |
| 3     | 50      | 18        | 71        | 90              | 95       | 140    | 35       | 68       |
| 4     | 35      | -2        | 68        | 60              | 70       | 120    | 20       | 48       |
| 5     | 20      | -8        | 50        | 50              | 40       | 90     | 55       | 35       |
| 6     | 25      | -15       | 46        | 41              | 25       | 80     | 40       | 35       |
| 7     | 20      | -13       | 40        | 37              | 45       | 70     | 25       | 90       |
| 8     | 15      | -10       | 40        | 37              | 45       | 60     | 25       | 73       |
| 9     | 12      | -11       | 37        | 37              | 45       | 55     | 35       | 50       |
| 10    | 20      | -5        | 37        | 40              | 40       | 50     | 25       | 39       |
| 11    | 12      | 0         | 34        | 49              | 35       | 45     | 25       | 34       |
| 12    | 20      | + 5       | 40        | 43              | 55       | 80     | 15       | 40       |
| 13    | 15      | 2         | 42        | 50              | 45       | 85     | 35       | 40       |
| 14    | 15      | 0         | 48        | 47              | 45       | 90     | 25       | 27       |
| 15    | 12      | 0         | 56        | 70              | 60       | 80     | 15       | 21       |
| 16    | 25      | 0         | 72        | 70              | 65       | 110    | 15       | 18       |
| 17    | 70      | 95        | 292       | 236             | 295      | 160    | 25       | 20       |
| 18    | 50      | 275       | 283       | 277             | 340      | 250    | 25       | 30       |
| 19    | 180     | 217       | 308       | 238             | 330      | 270    | 175      | 48       |
| 20    | 150     | 205       | 314       | 316             | 375      | 280    | 110      | 244      |
| 21    | 140     | 205       | 283       | 275             | 380      | 340    | 190      | 268      |
| 22    | 125     | 185       | 295       | 240             | 345      | 310    | 125      | 118      |
| 23    | 110     | 235       | 312       | 228             | 315      | 270    | 50       | 75       |
| 24    | 90      | 285       | 333       | 231             | 330      | 280    | 90       | 59       |
| 25    | 100     | 318       | 242       | 250             | 350      | 280    | 90       | 130      |
| 26    | 87      | 265       | 303       | 236             | 335      | 275    | 75       | 80       |
| 27    | 80      | 155       | 268       | 210             | 325      | 270    | 35       | 45       |
| 28    | 70      | 105       | 231       | 152             | 225      | 260    | 25       | 32       |
| 29    | 50      | 75        | 154       | 100             | 165      | 200    | 15       | 24       |
| 30    | 35      | 45        | 96        | 90              | 120      | 160    | 10       | 15       |
| 31    | 20      | 25        | 74        | 72              | 100      | 130    | 5        | 8        |
| Sred. | 175.3   | 264.9     | 460.7     | 401.7           | 519.5    | 511.0  | 158.0    | 187.0    |
|       | 56.5    | 85.5      | 148.6     | 129.6           | 167.6    | 164.8  | 51.0     | 60.3     |

Rzeszów: Désiez d. 19, 20, 21, 22 i 31.

Jagodniki: Désiez d. 6, 9, 10, 11, 14, 16, 17, 19, 20, 21, 22, 23, 24, 27 i 31.

Ujście Jeznick.: Désiez d. 6, 9, 11, 14, 16, 17, 19, 20, 22, 23, 24, 27 i 31;  
 śnieg d. 4.

Szczucin: Désiez d. 6, 9, 11, 12, 14, 16, 17, 19, 20, 21, 22, 23, 27 i 31.

Dzików: Désiez d. 4, 6, 9, 10, 11, 12, 13, 14, 15, 16, 18, 19, 20, 21, 22, 26,  
 27 i 31; désiez i śnieg d. 3.

Przemysł: Désiez d. 1, 2, 4, 6, 9, 10, 11, 16, 18, 19, 20, 24, 27 i 31; désiez  
 i śnieg d. 5.



Maj 1877.

| Dzień | S a n   |          |         |       |               | Strwiąż        | Stryj |
|-------|---------|----------|---------|-------|---------------|----------------|-------|
|       | Radymno | Jarosław | Rzuchów | Nisko | Majdan Zbydn. | Koniu-<br>szki | Stryj |
| 1     | + 90    | + 120    | + 118   | + 134 | + 107         | + 250          | + 50  |
| 2     | 140     | 140      | 146     | 139   | 104           | 250            | 70    |
| 3     | 96      | 110      | 134     | 158   | 106           | 250            | 40    |
| 4     | 60      | 92       | 98      | 134   | 102           | 230            | 30    |
| 5     | 26      | 66       | 86      | 108   | 94            | 210            | 30    |
| 6     | 26      | 60       | 74      | 89    | 84            | 230            | 30    |
| 7     | 100     | 114      | 96      | 89    | 70            | 240            | 80    |
| 8     | 120     | 130      | 126     | 139   | 90            | 230            | 50    |
| 9     | 100     | 94       | 94      | 142   | 110           | 210            | 50    |
| 10    | 56      | 60       | 78      | 102   | 83            | 200            | 20    |
| 11    | 26      | 50       | 64      | 89    | 64            | 180            | 10    |
| 12    | 30      | 44       | 56      | 76    | 59            | 180            | 10    |
| 13    | 76      | 82       | 90      | 81    | 54            | 180            | 10    |
| 14    | 26      | 50       | 74      | 105   | 72            | 150            | 0     |
| 15    | 0       | 24       | 62      | 73    | 57            | 150            | 0     |
| 16    | —20     | 24       | 44      | 65    | 55            | 130            | 0     |
| 17    | —26     | 40       | 48      | 60    | 53            | 150            | 0     |
| 18    | —14     | 30       | 54      | 73    | 60            | 150            | 10    |
| 19    | + 44    | 50       | 76      | 76    | 64            | 190            | 170   |
| 20    | 280     | 176      | 188     | 200   | 107           | 270            | 110   |
| 21    | 260     | 220      | 246     | 249   | 204           | 270            | 80    |
| 22    | 290     | 234      | 214     | 233   | 243           | 270            | 60    |
| 23    | 110     | 129      | 174     | 218   | 221           | 260            | 40    |
| 24    | 80      | 92       | 120     | 150   | 165           | 260            | 10    |
| 25    | 170     | 128      | 135     | 126   | 115           | 260            | 10    |
| 26    | 116     | 114      | 172     | 143   | 135           | 260            | 50    |
| 27    | 50      | 80       | 96      | 144   | 120           | 250            | 20    |
| 28    | 26      | 60       | 82      | 95    | 95            | 220            | 20    |
| 29    | 14      | 46       | 54      | 73    | 70            | 180            | 10    |
| 30    | —14     | 30       | 48      | 63    | 50            | 150            | 10    |
| 31    | —10     | 14       | 34      | 52    | 40            | 140            | 10    |
| Śred. | 232.8   | 269.4    | 318.3   | 367.8 | 305.3         | 655.0          | 109.0 |
|       | 75.1    | 86.9     | 102.7   | 118.6 | 98.5          | 211.3          | 35.2  |

Radymno: Dąszcz d. 5, 14, 15 i 16.

Jarosław: Dąszcz d. 5, 14, 15 i 16.

Rzuchów: Dąszcz d. 1, 5, 11, 14, 16, 19, 20, 26, 27 i 31; dąszcz i śn. d. 2; śnię d. 3.

Nisko: Dąszcz d. 1, 10, 12, 14, 16, 19, 26, 27 i 31.

Majdan Zbydu. Dąszcz d. 5, 6, 9, 10, 11, 12, 14, 15, 16, 17, 18, 19, 22, 27 i 31; śnię d. 3 i 4.

Stryj: Dąszcz d. 1, 2, 3, 4, 6, 10, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24 i 31; śnię d. 5.

Maj 1877.

| Dzień | Prut          | D n i e s t r  |               |       |        |         |                  |
|-------|---------------|----------------|---------------|-------|--------|---------|------------------|
|       | Koło-<br>myja | Radło-<br>wice | Rozwa-<br>dów | Siwka | Halicz | Niżniów | Zale-<br>szczyki |
| 1     | + 30          | + 50           | + 250         | + 133 | + 145  | + 135   | + 237            |
| 2     | 30            | 50             | 250           | 147   | 160    | 138     | 224              |
| 3     | 20            | 50             | 260           | 167   | 185    | 175     | 210              |
| 4     | 20            | 50             | 260           | 140   | 166    | 155     | 200              |
| 5     | 10            | 50             | 260           | 135   | 166    | 145     | 200              |
| 6     | 10            | 60             | 260           | 140   | 163    | 140     | 184              |
| 7     | 20            | 70             | 260           | 170   | 177    | 155     | 163              |
| 8     | 30            | 60             | 250           | 179   | 200    | 180     | 203              |
| 9     | 10            | 55             | 260           | 152   | 170    | 165     | 219              |
| 10    | 20            | 50             | 260           | 130   | 155    | 140     | 203              |
| 11    | 30            | 45             | 250           | 125   | 145    | 135     | 182              |
| 12    | 20            | 40             | 240           | 115   | 135    | 130     | 166              |
| 13    | 20            | 30             | 230           | 100   | 128    | 120     | 158              |
| 14    | 20            | 25             | 220           | 87    | 116    | 115     | 150              |
| 15    | 30            | 20             | 210           | 79    | 105    | 115     | 142              |
| 16    | 10            | 60             | 200           | 74    | 102    | 110     | 150              |
| 17    | 10            | 65             | 180           | 66    | 100    | 105     | 140              |
| 18    | 0             | 70             | 160           | 53    | 100    | 95      | 134              |
| 19    | 60            | 150            | 200           | 153   | 160    | 180     | 129              |
| 20    | 50            | 110            | 280           | 269   | 290    | 245     | 179              |
| 21    | 20            | 80             | 280           | 270   | 270    | 240     | 283              |
| 22    | 50            | 50             | 280           | 255   | 260    | 245     | 280              |
| 23    | 100           | 50             | 270           | 227   | 255    | 255     | 284              |
| 24    | 70            | 90             | 270           | 209   | 230    | 230     | 295              |
| 25    | 60            | 65             | 270           | 249   | 280    | 280     | 305              |
| 26    | 40            | 50             | 270           | 203   | 265    | 265     | 321              |
| 27    | 30            | 45             | 270           | 180   | 210    | 210     | 295              |
| 28    | 30            | 44             | 270           | 154   | 170    | 155     | 253              |
| 29    | 20            | 42             | 260           | 130   | 150    | 140     | 205              |
| 30    | 10            | 40             | 250           | 113   | 135    | 130     | 187              |
| 31    | 10            | 38             | 240           | 90    | 125    | 120     | 174              |
| Śred. | 90.0          | 175.4          | 767.0         | 469.4 | 541.8  | 514.8   | 646.1            |
|       | 29.0          | 56.6           | 247.4         | 151.4 | 174.8  | 166.1   | 208.4            |

Rozwadów: Dąszcz d. 1, 4, 9, 10, 11, 14, 18, 19, 22, 24 i 26; dąszcz i śn. d. 5.

Niżniów: Dąszcz d. 2, 3, 5, 6, 7, 9, 10, 11, 15, 17, 18, 19, 21, 22, 24 i 31.



Czerwiec 1877.

| Dzień | Sola        |           | Skawa     |       | Dunajec   |           |       | Wisłoka  |
|-------|-------------|-----------|-----------|-------|-----------|-----------|-------|----------|
|       | Kobier-niec | Oświę-cim | Wado-wice | Zator | Nowy Sącz | Zgło-bice | Żabno | Łabu-zie |
| 1     | + 15        | — 10      | — 10      | — 10  | + 160     | + 20      | + 30  | + 10     |
| 2     | 0           | — 15      | — 15      | — 15  | 160       | 20        | 20    | 0        |
| 3     | 0           | — 15      | — 20      | — 15  | 160       | 24        | 10    | 0        |
| 4     | — 10        | — 20      | — 25      | — 10  | 155       | 20        | 10    | 0        |
| 5     | — 20        | — 20      | — 28      | — 10  | 155       | 20        | 5     | 10       |
| 6     | — 20        | — 20      | — 30      | — 10  | 150       | 30        | 0     | 10       |
| 7     | — 20        | — 25      | — 30      | — 10  | 150       | 25        | 5     | 10       |
| 8     | — 25        | — 28      | + 120     | + 40  | 160       | 25        | 20    | 30       |
| 9     | — 25        | — 30      | 0         | 20    | 155       | 20        | 20    | 0        |
| 10    | — 25        | — 30      | — 10      | 0     | 155       | 20        | 15    | 30       |
| 11    | — 15        | — 20      | — 15      | — 10  | 155       | 20        | 10    | 20       |
| 12    | — 20        | — 32      | — 20      | — 10  | 150       | 20        | 10    | 10       |
| 13    | 0           | 0         | — 15      | — 10  | 145       | 10        | 10    | 160      |
| 14    | + 15        | + 12      | — 10      | — 10  | 155       | 10        | 30    | 120      |
| 15    | 0           | 0         | — 22      | — 6   | 155       | 10        | 25    | 70       |
| 16    | 0           | — 10      | — 25      | — 10  | 150       | 5         | 20    | 20       |
| 17    | — 10        | — 25      | — 28      | — 6   | 140       | 5         | 15    | 0        |
| 18    | — 20        | — 30      | — 30      | — 10  | 135       | 0         | 10    | 0        |
| 19    | — 20        | — 30      | — 31      | — 10  | 130       | — 5       | 5     | 0        |
| 20    | — 20        | — 30      | — 32      | — 10  | 125       | — 10      | 0     | 10       |
| 21    | — 25        | — 30      | — 32      | — 10  | 120       | — 12      | — 5   | 10       |
| 22    | — 25        | — 35      | — 33      | — 10  | 120       | — 16      | — 10  | 10       |
| 23    | — 30        | — 40      | — 5       | — 4   | 130       | — 4       | — 15  | 10       |
| 24    | — 30        | — 40      | — 20      | + 20  | 130       | 4         | — 10  | 0        |
| 25    | + 45        | + 40      | + 60      | 40    | 140       | + 5       | 0     | 20       |
| 26    | 30          | 20        | 20        | 60    | 160       | 10        | + 20  | 10       |
| 27    | 6           | 0         | — 10      | 20    | 150       | 20        | 30    | 10       |
| 28    | — 10        | — 20      | — 18      | 10    | 140       | 10        | 20    | 0        |
| 29    | — 5         | — 10      | + 10      | 4     | 140       | 10        | 20    | 10       |
| 30    | — 10        | — 20      | 12        | 10    | 160       | 24        | 20    | 20       |
| Sred. | — 262       | — 518     | — 282     | 28    | 4290      | 332       | 340   | 610      |
|       | — 8.7       | — 17.3    | — 9.4     | 0.9   | 146.3     | 11.1      | 11.3  | 20.3     |

Nowy Sącz: Dąszez d. 2, 13, 16, 22, 23, 24, 25, 28 i 29.

Zgłobice: Dąszez d. 15, 23, 24, 25, 26, 28 i 29.

Żabno: Dąszez d. 9, 13, 15, 23, 24, 25, 28 i 29.

Łabuzie: Dąszez d. 8, 9, 13, 23, 24, 25 i 29.

Czerwiec 1877.

| Dzień | Wisłok   | W i s ł a |            |                 |           |        | S a n     |           |
|-------|----------|-----------|------------|-----------------|-----------|--------|-----------|-----------|
|       | Rze-szów | Kraków    | Jago-dniki | Ujście Jezuićk. | Szczu-cin | Dzików | Posto-łów | Prze-mysł |
| 1     | + 20     | + 15      | + 74       | + 57            | + 105     | + 90   | + 10      | + 4       |
| 2     | 15       | 6         | 73         | 55              | 75        | 80     | 10        | 0         |
| 3     | 15       | 5         | 70         | 50              | 72        | 70     | 10        | — 2       |
| 4     | 12       | 3         | 68         | 54              | 70        | 60     | 5         | + 1       |
| 5     | 10       | 2         | 67         | 49              | 70        | 55     | — 5       | 0         |
| 6     | 10       | — 3       | 66         | 42              | 66        | 50     | — 5       | — 3       |
| 7     | 8        | — 5       | 64         | 39              | 65        | 50     | — 5       | — 6       |
| 8     | 6        | — 12      | 54         | 34              | 55        | 50     | — 5       | — 10      |
| 9     | 6        | — 5       | 52         | 51              | 50        | 50     | — 5       | — 10      |
| 10    | 6        | — 22      | 40         | 44              | 50        | 40     | — 10      | — 12      |
| 11    | 4        | — 28      | 30         | 40              | 35        | 40     | — 10      | — 15      |
| 12    | 4        | — 29      | 30         | 36              | 35        | 40     | — 10      | — 16      |
| 13    | 7        | — 29      | 30         | 30              | 35        | 30     | — 5       | — 16      |
| 14    | 10       | — 31      | 34         | 30              | 40        | 40     | — 5       | — 17      |
| 15    | 5        | — 7       | 50         | 41              | 50        | 20     | — 10      | — 20      |
| 16    | 3        | — 15      | 52         | 35              | 56        | 60     | — 12      | — 20      |
| 17    | 0        | — 24      | 48         | 29              | 50        | 50     | — 12      | — 21      |
| 18    | — 3      | — 31      | 43         | 23              | 50        | 20     | — 12      | — 21      |
| 19    | — 3      | — 38      | 40         | 17              | 50        | 10     | — 12      | — 22      |
| 20    | — 3      | — 38      | 32         | 14              | 45        | 0      | — 12      | — 24      |
| 21    | — 5      | — 42      | 23         | 11              | 32        | 0      | — 12      | — 24      |
| 22    | — 5      | — 44      | 14         | 9               | 20        | — 5    | — 12      | — 25      |
| 23    | — 4      | — 45      | 2          | 12              | 10        | — 20   | — 12      | — 29      |
| 24    | — 3      | — 45      | 6          | 17              | 15        | + 20   | — 12      | — 30      |
| 25    | — 5      | — 25      | 20         | 20              | 25        | 5      | + 10      | — 22      |
| 26    | — 15     | + 55      | 37         | 59              | 45        | 5      | — 6       | 0         |
| 27    | — 10     | 35        | 68         | 67              | 70        | 15     | — 8       | — 10      |
| 28    | — 10     | 5         | 51         | 44              | 60        | 75     | — 8       | — 20      |
| 29    | — 5      | — 6       | 42         | 34              | 50        | 40     | — 12      | — 22      |
| 30    | — 3      | — 14      | 30         | 50              | 40        | 35     | — 8       | — 22      |
| Sred. | 67       | — 412     | 1310       | 1093            | 1491      | 1075   | — 180     | 434       |
|       | 2.2      | — 13.7    | 43.7       | 36.4            | 49.7      | 35.8   | — 6.0     | 14.5      |

Rzeszów: Dąszez d. 13 i 14.

Jagodniki: Dąszez d. 13, 15, 16, 23, 24 i 25.

Ujście Jezuićkie: Dąszez d. 9, 13, 20, 23, 24 i 28.

Szczucin: Dąszez d. 9, 13, 15, 20, 23, 24, 25, 28 i 29.

Dzików: Dąszez d. 9 i 25.

Przemysł: Dąszez d. 7, 13, 24, 25 i 29.



Czerwiec 1877.

| Dzień | S a n   |          |         |       |               | Strwiąż   | Stryj |
|-------|---------|----------|---------|-------|---------------|-----------|-------|
|       | Radymno | Jarosław | Rzuchów | Nisko | Majdan Zbydn. | Koniuszki | Stryj |
| 1     | -50     | 0        | +28     | +42   | +30           | +140      | 0     |
| 2     | -60     | -4       | 14      | 31    | 25            | 130       | 0     |
| 3     | -60     | -6       | 8       | 31    | 14            | 120       | 0     |
| 4     | -40     | -8       | 6       | 21    | 4             | 100       | 0     |
| 5     | -60     | -14      | 10      | 21    | 6             | 90        | -10   |
| 6     | -60     | -14      | 4       | 26    | 7             | 90        | -10   |
| 7     | -60     | -16      | -2      | 16    | 2             | 90        | -10   |
| 8     | -40     | -16      | -4      | 7     | -2            | 90        | -10   |
| 9     | -36     | -16      | -6      | 7     | -5            | 90        | -10   |
| 10    | -36     | -20      | -10     | 15    | 0             | 50        | -10   |
| 11    | -36     | -24      | -12     | 10    | -3            | 80        | -20   |
| 12    | -48     | -20      | -14     | 2     | -10           | 80        | -20   |
| 13    | -64     | -30      | -16     | 0     | -12           | 80        | -20   |
| 14    | -64     | -32      | -10     | 13    | -12           | 80        | -20   |
| 15    | -64     | -34      | -12     | 35    | +13           | 80        | -20   |
| 16    | -64     | -34      | -18     | 10    | 5             | 80        | -20   |
| 17    | -54     | -34      | -20     | 0     | 0             | 70        | -20   |
| 18    | -54     | -36      | -20     | -2    | -5            | 70        | -30   |
| 19    | -54     | -40      | -22     | -8    | -9            | 70        | -30   |
| 20    | -54     | -46      | -24     | -13   | -15           | 70        | -30   |
| 21    | -54     | -48      | -30     | -13   | -18           | 70        | -30   |
| 22    | -56     | -50      | -26     | -15   | -19           | 60        | -30   |
| 23    | -48     | -50      | -30     | -18   | -24           | 60        | -30   |
| 24    | -54     | -48      | -30     | -18   | -28           | 60        | -30   |
| 25    | -54     | -40      | -30     | -18   | -30           | 60        | -30   |
| 26    | -66     | -42      | -18     | -8    | -26           | 60        | -10   |
| 27    | -8      | -10      | -16     | -5    | -15           | 60        | -20   |
| 28    | -64     | -24      | -18     | +10   | -19           | 70        | -30   |
| 29    | -54     | -40      | -24     | 0     | -12           | 70        | -20   |
| 30    | -56     | -40      | —       | -8    | -20           | 70        | -20   |
| Σ     | -1572   | -842     | -342    | 171   | -178          | 2440      | -540  |
| Śred. | -52.4   | -28.1    | -11.8   | 5.7   | -5.9          | 81.3      | -18.0 |

Radymno: Dęszcz d. 9, 13, 20, 23 i 29.

Jarosław: Dęszcz d. 9, 13, 20, 23 i 29.

Rzuchów: Dęszcz d. 9, 13, 15, 21, 23 i 25.

Nisko: Dęszcz d. 16, 22, 23, 24, 25 i 29.

Majdan Zbydn.: Dęszcz d. 9, 21, 23, 24, 25, 28 i 29.

Stryj: Dęszcz d. 9, 13, 16, 21, 23, 24, 25, 26 i 29.

Czerwiec 1877.

| Dzień | Prut      | D n i e s t r |          |       |        |         |             |
|-------|-----------|---------------|----------|-------|--------|---------|-------------|
|       | Koło-myja | Radłowice     | Rozwadów | Siwka | Halicz | Niżniów | Zaleszczyki |
| 1     | +20       | +38           | +230     | +76   | +110   | +115    | +148        |
| 2     | 10        | 38            | 220      | 73    | 100    | 105     | 121         |
| 3     | 10        | 20            | 200      | 65    | 90     | 95      | 121         |
| 4     | 0         | 20            | 180      | 56    | 82     | 90      | 113         |
| 5     | 0         | 20            | 160      | 47    | 77     | 80      | 100         |
| 6     | -10       | 20            | 130      | 37    | 70     | 75      | 92          |
| 7     | -10       | 20            | 120      | 30    | 63     | 75      | 87          |
| 8     | -10       | 20            | 100      | 27    | 55     | 70      | 76          |
| 9     | -10       | 20            | 90       | 22    | 55     | 70      | 79          |
| 10    | -10       | 20            | 80       | 17    | 55     | 70      | 76          |
| 11    | -10       | 20            | 70       | 19    | 50     | 66      | 66          |
| 12    | -10       | 20            | 60       | 17    | 50     | 65      | 60          |
| 13    | -10       | 20            | 50       | 16    | 45     | 60      | 56          |
| 14    | -10       | 20            | 40       | 10    | 45     | 60      | 50          |
| 15    | +20       | 20            | 40       | -4    | 40     | 60      | 46          |
| 16    | 20        | 20            | 40       | -6    | 40     | 60      | 40          |
| 17    | 10        | 20            | 30       | -8    | 40     | 58      | 45          |
| 18    | 0         | 20            | 30       | -10   | 40     | 56      | 45          |
| 19    | 0         | 20            | 30       | -10   | 40     | 55      | 42          |
| 20    | -10       | 20            | 20       | -14   | 38     | 55      | 38          |
| 21    | -10       | 20            | 20       | -13   | 36     | 53      | 34          |
| 22    | -10       | 20            | 20       | -15   | 35     | 50      | 34          |
| 23    | -10       | 20            | 20       | -15   | 35     | 50      | 31          |
| 24    | -10       | 15            | 10       | -15   | 34     | 45      | 27          |
| 25    | 0         | 10            | 10       | -15   | 34     | 45      | 25          |
| 26    | +60       | 8             | 20       | -10   | 40     | 56      | 28          |
| 27    | 20        | 3             | 30       | +5    | 57     | 70      | 34          |
| 28    | 10        | 3             | 30       | 10    | 60     | 70      | 40          |
| 29    | 0         | 3             | 20       | 10    | 52     | 65      | 56          |
| 30    | 20        | 3             | 20       | 12    | 48     | 60      | 53          |
| Σ     | 60        | 541           | 2120     | 414   | 1616   | 1884    | 1863        |
| Śred. | 2.0       | 18.0          | 70.7     | 13.8  | 53.9   | 62.8    | 62.1        |

Rozwadów: Dęszcz d. 8, 10, 21, 24, 25 i 26.

Niżniów: Dęszcz d. 14, 24, 25 i 26.



Lipiec 1877.

| Dzień | Soła        |           | Skawa     |       | Dunajec   |           |       | Wisłoka |
|-------|-------------|-----------|-----------|-------|-----------|-----------|-------|---------|
|       | Kobier-nice | Oświę-cim | Wado-wice | Zator | Nowy Sącz | Zgło-bice | Żabno |         |
| 1     | -40         | -10       | -10       | 0     | +150      | +20       | +10   | 0       |
| 2     | -47         | -20       | -10       | -4    | 140       | 10        | 5     | 0       |
| 3     | -47         | -25       | -12       | -6    | 130       | 0         | 20    | 0       |
| 4     | +63         | +66       | -13       | -10   | 130       | 0         | 30    | 0       |
| 5     | 71          | 30        | -10       | -16   | 135       | 4         | 20    | 0       |
| 6     | 45          | 20        | -5        | +4    | 130       | 4         | 10    | 0       |
| 7     | 40          | 5         | 0         | 10    | 127       | 6         | 30    | 0       |
| 8     | 32          | 0         | -10       | 15    | 135       | 6         | 20    | 0       |
| 9     | 30          | 0         | -15       | 20    | 140       | 20        | 10    | 0       |
| 10    | 30          | -0        | -10       | -10   | 160       | 24        | 70    | +10     |
| 11    | 65          | -10       | -10       | -6    | 155       | 20        | 50    | -10     |
| 12    | 95          | -10       | -5        | 0     | 157       | 10        | 60    | -10     |
| 13    | 161         | -12       | 0         | +10   | 150       | 5         | 55    | -10     |
| 14    | 100         | -15       | -10       | 6     | 140       | 0         | 40    | -10     |
| 15    | 64          | -20       | -10       | 10    | 140       | 0         | 45    | -10     |
| 16    | 47          | -20       | -10       | 20    | 135       | 10        | 30    | -10     |
| 17    | 45          | +5        | +15       | 10    | 137       | 15        | 35    | +80     |
| 18    | 30          | 10        | 25        | 40    | 130       | 20        | 40    | 100     |
| 19    | 25          | 80        | 130       | 180   | 177       | 50        | 80    | 90      |
| 20    | 20          | 110       | 50        | 140   | 195       | 70        | 130   | 80      |
| 21    | 18          | 80        | 30        | 60    | 170       | 50        | 110   | 70      |
| 22    | 15          | 30        | 15        | 40    | 160       | 30        | 90    | 60      |
| 23    | 10          | 5         | 5         | 16    | 150       | 20        | 50    | 50      |
| 24    | 5           | -15       | 0         | 10    | 140       | 10        | 40    | 0       |
| 25    | 0           | -20       | -5        | 0     | 135       | 0         | 30    | 0       |
| 26    | -10         | -25       | -10       | -6    | 130       | 0         | 20    | 0       |
| 27    | -15         | -25       | -12       | -10   | 170       | 50        | 30    | 80      |
| 28    | -15         | -20       | -14       | -10   | 210       | 80        | 130   | 60      |
| 29    | -20         | -30       | -16       | +6    | 187       | 60        | 100   | 50      |
| 30    | -20         | -30       | -18       | 0     | 167       | 50        | 80    | 40      |
| 31    | -20         | -30       | -20       | 0     | 157       | 30        | 70    | 30      |
| W     | 777         | 99        | 35        | 519   | 4669      | 674       | 1540  | 720     |
| Śred. | 25.1        | 3.2       | 1.1       | 16.7  | 150.6     | 21.7      | 49.7  | 23.2    |

Nowy Sącz: Dęszcz d. 4, 6, 7, 8, 9, 10, 11, 12, 14, 17, 18, 19, 21, 26 i 27.

Zgłobice: Dęszcz d. 3, 5, 6, 8, 9, 10, 16, 17, 18, 19, 20, 21, 25, 27, 28 i 30.

Żabno: Dęszcz d. 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, 20, 21, 25, 26 i 27.

Łabuzie: Dęszcz d. 4, 6, 7, 9, 10, 11, 16, 17, 19, 20, 21, 26 i 27.

Lipiec 1877.

| Dzień   | Wisłok       | W i s ł a |                |                    |               |        | S a n         |               |
|---------|--------------|-----------|----------------|--------------------|---------------|--------|---------------|---------------|
|         | Rze-<br>szów | Kraków    | Jago-<br>dniki | Ujście<br>Jezuick. | Szczu-<br>cin | Dzików | Posto-<br>łów | Prze-<br>myśl |
| 1       | + 3          | —5        | + 28           | + 41               | + 30          | + 30   | —10           | —10           |
| 2       | 0            | —15       | 14             | 28                 | 15            | 30     | —10           | —20           |
| 3       | 0            | —25       | 12             | 18                 | 20            | 25     | —12           | —22           |
| 4       | —3           | —35       | 20             | 23                 | 22            | 25     | —12           | —25           |
| 5       | —3           | + 35      | 28             | 20                 | 30            | 20     | —16           | —30           |
| 6       | —3           | 45        | 41             | 48                 | 45            | 20     | —16           | —30           |
| 7       | —5           | 45        | 62             | 57                 | 65            | 25     | —20           | —31           |
| 8       | —5           | 35        | 70             | 51                 | 80            | 25     | —20           | —32           |
| 9       | —10          | 25        | 63             | 45                 | 65            | 30     | + 35          | —29           |
| 10      | —10          | 15        | 56             | 48                 | 65            | 30     | 24            | —20           |
| 11      | —15          | 5         | 44             | 49                 | 45            | 25     | 10            | —20           |
| 12      | —15          | —3        | 38             | 51                 | 40            | 25     | —6            | —20           |
| 13      | —12          | —8        | 36             | 42                 | 40            | 15     | —10           | —17           |
| 14      | —10          | —13       | 28             | 32                 | 30            | 10     | —10           | —19           |
| 15      | —5           | —19       | 26             | 35                 | 28            | 5      | —15           | —22           |
| 16      | —3           | —13       | 28             | 30                 | 30            | —5     | —15           | —26           |
| 17      | 0            | —3        | 37             | 39                 | 40            | —5     | —15           | —26           |
| 18      | 0            | + 5       | 64             | 49                 | 70            | + 10   | + 15          | —24           |
| 19      | + 5          | 45        | 87             | 58                 | 95            | 20     | 50            | + 33          |
| 20      | 10           | 195       | 120            | 185                | 130           | 75     | 50            | 60            |
| 21      | 20           | 145       | 192            | 165                | 210           | 155    | 20            | 38            |
| 22      | 15           | 85        | 130            | 108                | 148           | 140    | 8             | 20            |
| 23      | 10           | 45        | 83             | 76                 | 100           | 100    | 8             | 0             |
| 24      | 5            | 25        | 64             | 61                 | 75            | 80     | —5            | —4            |
| 25      | 3            | 5         | 45             | 44                 | 50            | 50     | —5            | —15           |
| 26      | 2            | —5        | 38             | 40                 | 40            | 35     | —10           | —14           |
| 27      | 8            | —15       | 45             | 75                 | 57            | 30     | —10           | —11           |
| 28      | 12           | —23       | 121            | 99                 | 80            | 45     | + 130         | —10           |
| 29      | 10           | —23       | 95             | 86                 | 125           | 80     | 80            | + 110         |
| 30      | 10           | —28       | 65             | 63                 | 68            | 70     | 65            | 80            |
| 31      | 8            | —28       | 63             | 48                 | 78            | 40     | 50            | 40            |
| Śred. w | 22           | 495       | 1843           | 1814               | 2016          | 1260   | 328           | —96           |
| Śred.   | 0.7          | 16.0      | 59.5           | 58.5               | 65.0          | 40.6   | 10.6          | —3.1          |

Rzeszów: Dęszcz d. 7, 11, 12, 16, 17, 18, 19, 20, 21, 26, 27 i 28.

Jagodniki: Dęszcz d. 6, 7, 8, 9, 10, 12, 16, 17, 18, 19, 20, 21, 26, 27 i 28.

Ujście Jezuiick.: Dęszcz d. 3, 6, 7, 9, 10, 11, 12, 16, 18, 19, 21 i 26.

Szczucin: Dęszcz d. 3, 4, 6, 7, 9, 10, 12, 13, 16, 17, 18, 19, 20, 21, 26, 27, 28 i 30.

Dzików: Dęszcz d. 3, 6, 7, 9, 10, 16, 17, 18, 20, 21, 27 i 28.

Przemysł: Dęszcz d. 4, 8, 9, 14, 16, 18, 19, 20, 21, 26, 27 i 28.



## Lipiec 1877.

| Dzień | S a n   |          |         |       |               | Strwiąż   | Stryj |
|-------|---------|----------|---------|-------|---------------|-----------|-------|
|       | Radymno | Jarosław | Rzuchów | Nisko | Majdan Zbydn. | Koniuszki | Stryj |
| 1     | -63     | -40      | -30     | -10   | -23           | +90       | -20   |
| 2     | -54     | -38      | -26     | -8    | -27           | 80        | -30   |
| 3     | -50     | -42      | -30     | -8    | -30           | 80        | -30   |
| 4     | 56      | -44      | -34     | -13   | -30           | 70        | -30   |
| 5     | -56     | -44      | -36     | -15   | -30           | 70        | -30   |
| 6     | -44     | -46      | -40     | -15   | -30           | 60        | -30   |
| 7     | -46     | -48      | -40     | -21   | -30           | 60        | -40   |
| 8     | -48     | -52      | -40     | -26   | -33           | 50        | -40   |
| 9     | -48     | -48      | -42     | -24   | -34           | 50        | +40   |
| 10    | -58     | -40      | -30     | -21   | -35           | 140       | 40    |
| 11    | -40     | -10      | -24     | -13   | -35           | 130       | 20    |
| 12    | -60     | -6       | +6      | -5    | -26           | 80        | 0     |
| 13    | -50     | -24      | -10     | +20   | -10           | 70        | -10   |
| 14    | -50     | -30      | -16     | 0     | -19           | 60        | -10   |
| 15    | -40     | -40      | -24     | -8    | -23           | 60        | -20   |
| 16    | -40     | -42      | -28     | -13   | -25           | 00        | -20   |
| 17    | -40     | -48      | -30     | -18   | -27           | 60        | -30   |
| 18    | -40     | -10      | -32     | -21   | -34           | 120       | -40   |
| 19    | 0       | -20      | -8      | -15   | -39           | 130       | -10   |
| 20    | +50     | +56      | +34     | +55   | -29           | 140       | 0     |
| 21    | 30      | 70       | 82      | 102   | +19           | 130       | 0     |
| 22    | 0       | 30       | 56      | 102   | 50            | 120       | -10   |
| 23    | -30     | 10       | 34      | 63    | 30            | 110       | -20   |
| 24    | -60     | -4       | 16      | 31    | 16            | 120       | -20   |
| 25    | -8      | -20      | -8      | 16    | 11            | 120       | -20   |
| 26    | -8      | -24      | -24     | 5     | 0             | 130       | -20   |
| 27    | -60     | -30      | -12     | 0     | -14           | 150       | 0     |
| 28    | -40     | -6       | +4      | 23    | -9            | 250       | +70   |
| 29    | +150    | +140     | 68      | 55    | +27           | 250       | 60    |
| 30    | 110     | 150      | 158     | 150   | 64            | 270       | 40    |
| 31    | 60      | 110      | 96      | 158   | 132           | 270       | 20    |
| Σ     | -700    | -190     | -10     | 526   | -243          | 3580      | -190  |
| Sred. | -22.6   | -6.1     | -0.3    | 17.0  | -7.8          | 115.5     | -6.1  |

Radymno: Dąszecz d. 7, 16, 18, 26, 27 i 28.

Jarosław: Dąszecz d. 7, 16, 18, 26, 27 i 28.

Rzuchów: Dąszecz d. 4, 6, 9, 11, 14, 17, 26 i 17; grad d. 6.

Nisko: Dąszecz d. 8, 15, 17, 19, 20, 21 i 29.

Majdan Zbydn.: Dąszecz d. 6, 7, 9, 10, 11, 12, 16, 17, 18, 19, 20, 21, 27, 28, 29 i 30.

Stryj: Dąszecz d. 4, 7, 8, 9, 15, 16, 17, 18, 19, 20, 21, 26, 27, 28 i 29.

## Lipiec 1877.

| Dzień | Prut      | D n i e s t r |          |       |        |         |             |
|-------|-----------|---------------|----------|-------|--------|---------|-------------|
|       | Koło-myja | Radłowice     | Rozwadów | Siwka | Halicz | Niżniów | Zaleszczyki |
| 1     | -10       | +3            | +20      | +5    | —      | +64     | +46         |
| 2     | -10       | 3             | 20       | 3     | —      | 70      | 42          |
| 3     | -10       | 3             | 20       | 1     | —      | 60      | 40          |
| 4     | 0         | 3             | 20       | -2    | —      | 55      | 38          |
| 5     | +10       | 3             | 40       | -4    | —      | 55      | 36          |
| 6     | 0         | 3             | 30       | -6    | —      | 54      | 30          |
| 7     | 0         | 3             | 20       | +5    | —      | 53      | 37          |
| 8     | -10       | 20            | 10       | 6     | —      | 50      | 34          |
| 9     | +60       | 40            | 20       | 2     | —      | 115     | 32          |
| 10    | 40        | 15            | 100      | 60    | —      | 110     | 30          |
| 11    | 20        | 8             | 120      | 55    | —      | 95      | 70          |
| 12    | 10        | 8             | 100      | 50    | —      | 80      | 120         |
| 13    | 0         | 8             | 80       | 32    | —      | 75      | 100         |
| 14    | 0         | 8             | 60       | 25    | —      | 70      | 82          |
| 15    | -10       | 8             | 40       | 20    | +60    | 65      | 65          |
| 16    | -10       | 8             | 30       | 14    | 50     | 65      | 54          |
| 17    | -10       | 8             | 30       | 8     | 40     | 60      | 46          |
| 18    | -10       | 15            | 20       | 8     | 40     | 58      | 39          |
| 19    | 0         | 20            | 20       | 6     | 40     | 55      | 38          |
| 20    | +10       | 12            | 70       | 28    | 50     | 55      | 35          |
| 21    | 0         | 12            | 100      | 25    | 60     | 65      | 36          |
| 22    | 0         | 12            | 90       | 40    | 70     | 80      | 42          |
| 23    | -10       | 12            | 80       | 24    | 60     | 80      | 50          |
| 24    | -20       | 12            | 60       | 12    | 60     | 75      | 62          |
| 25    | -20       | 12            | 50       | 10    | 50     | 70      | 55          |
| 26    | -20       | 65            | 40       | 8     | 40     | 65      | 45          |
| 27    | -10       | 120           | 30       | 6     | 40     | 55      | 40          |
| 28    | 0         | 60            | 130      | 16    | 60     | 65      | 34          |
| 29    | +60       | 80            | 160      | 134   | 180    | 145     | 34          |
| 30    | 50        | 60            | 180      | 137   | 200    | 190     | 62          |
| 31    | 20        | 40            | 190      | 109   | 140    | 140     | 200         |
| Σ     | 120       | 694           | 1980     | 837   | —      | 2394    | 1674        |
| Sred. | 3.9       | 22.4          | 63.9     | 27.0  | —      | 77.2    | 54.0        |

Rozwadów: Dąszecz d. 4, 8, 9, 16, 18, 19, 26, 27, 29 i 29.

Niżniów: Dąszecz d. 5, 8, 9, 18, 19, 20, 27, 28 i 29.



## Sierpień 1877.

| Dzień | Soła        |           | Skawa     |       | Dunajec   |           |       | Wisłoka |
|-------|-------------|-----------|-----------|-------|-----------|-----------|-------|---------|
|       | Kobier-nice | Oświę-cim | Wado-wice | Zator | Nowy Sącz | Zgło-bice | Żabno |         |
| 1     | + 0         | —30       | —22       | + 4   | + 150     | + 20      | + 30  | + 30    |
| 2     | —15         | —30       | —24       |       | 140       | 10        | 30    | 0       |
| 3     | —15         | —32       | + 90      | 60    | 170       | 60        | 80    | 180     |
| 4     | —8          | —10       | 35        | 40    | 190       | 55        | 140   | 100     |
| 5     | —15         | —20       | 5         | 10    | 170       | 30        | 60    | 60      |
| 6     | —20         | —30       | 0         | —6    | 155       | 20        | 30    | 40      |
| 7     | —22         | —32       | —8        | 0     | 150       | 15        | 30    | 20      |
| 8     | —25         | —35       | —20       | + 10  | 140       | 10        | 20    | 10      |
| 9     | —25         | —35       | —20       | 0     | 135       | 5         | 20    | 0       |
| 10    | —25         | —35       | —20       | —4    | 130       | 0         | 20    | 0       |
| 11    | —20         | —30       | —25       | + 20  | 180       | 50        | 20    | 50      |
| 12    | + 10        | —30       | —25       | 60    | 150       | 25        | 60    | 30      |
| 13    | 60          | + 15      | + 35      | 140   | 170       | 32        | 30    | 10      |
| 14    | 140         | 145       | 80        | 100   | 160       | 35        | 40    | 0       |
| 15    | 122         | 60        | 30        | 60    | 157       | 35        | 50    | 0       |
| 16    | 95          | 20        | 32        | 40    | 165       | 30        | 40    | 0       |
| 17    | 30          | 0         | 10        | 38    | 160       | 30        | 60    | 0       |
| 18    | 22          | 10        | 20        | 30    | 175       | 50        | 60    | —10     |
| 19    | 22          | 0         | 0         | 20    | 150       | 30        | 40    | —10     |
| 20    | 9           | —20       | —10       | 20    | 140       | 5         | 30    | —10     |
| 21    | 6           | —25       | —12       | 10    | 160       | 10        | 20    | —20     |
| 22    | 0           | —30       | —14       | 0     | 140       | 10        | 20    | —20     |
| 23    | —22         | —32       | —15       | 12    | 130       | 5         | 10    | —20     |
| 24    | —22         | —32       | —18       | 20    | 125       | 0         | 0     | —20     |
| 25    | 0           | —10       | —20       | 10    | 120       | 5         | 0     | —20     |
| 26    | —20         | —30       | —25       | 20    | 120       | —10       | —5    | —30     |
| 27    | —22         | —33       | —28       | 40    | 115       | —15       | —10   | —30     |
| 28    | —23         | —33       | —30       | 20    | 110       | —15       | —15   | —30     |
| 29    | —25         | —35       | —32       | 10    | 110       | —18       | —20   | —30     |
| 30    | —30         | —40       | —35       | 0     | 105       | —20       | —25   | —30     |
| 31    | —30         | —40       | —40       | 6     | 105       | —20       | —30   | —30     |
| Σ     | 132         | —459      | —106      | 810   | 4177      | 469       | 835   | 210     |
| Sred. | 4.3         | —14.8     | —3.4      | 26.1  | 144.4     | 15.1      | 26.9  | 6.8     |

Nowy Sącz: Dészcz d. 2, 3, 10, 11, 12, 15, 16, 17, 20, 21, 23 i 24.

Zgłobice: Dészcz d. 2, 3, 10, 11, 17, 18, 21 i 31.

Żabno: Dészcz d. 2, 3, 10, 16, 17, 18, 20, 22, 23, 24 i 31.

Łabuzie: Dészcz d. 3, 4, 11, 16, 18, 20 i 24.

## Sierpień 1877.

| Dzień | Wisłok       | W i s ł a |                |                    |               |        | S a n         |               |
|-------|--------------|-----------|----------------|--------------------|---------------|--------|---------------|---------------|
|       | Rze-<br>szów | Kraków    | Jago-<br>dniki | Ujście<br>Jezuick. | Szczu-<br>cin | Dzików | Posto-<br>łów | Prze-<br>myśl |
| 1     | + 3          | --26      | + 42           | + 37               | + 48          | + 25   | + 11          | + 10          |
| 2     | 3            | --35      | 48             | 28                 | 50            | 10     | 6             | 6             |
| 3     | 3            | --15      | 52             | 41                 | 70            | 10     | 35            | --2           |
| 4     | 6            | + 25      | 71             | 130                | 85            | 70     | 20            | 0             |
| 5     | 6            | 5         | 90             | 97                 | 100           | 10     | 20            | + 19          |
| 6     | 3            | --15      | 60             | 60                 | 75            | 70     | 6             | 3             |
| 7     | 3            | --28      | 42             | 42                 | 55            | 50     | --5           | 0             |
| 8     | 3            | --34      | 35             | 30                 | 45            | 25     | --5           | --4           |
| 9     | 3            | --36      | 22             | 21                 | 35            | 20     | --5           | --10          |
| 10    | 3            | --36      | 20             | 18                 | 30            | 10     | --10          | --10          |
| 11    | 7            | --36      | 32             | 15                 | 40            | 0      | --10          | --10          |
| 12    | 25           | --36      | 40             | 50                 | 53            | --5    | --10          | --11          |
| 13    | 20           | --36      | 52             | 35                 | 63            | + 30   | --10          | --16          |
| 14    | 12           | + 35      | 43             | 52                 | 55            | 25     | --10          | --19          |
| 15    | 10           | 155       | 88             | 59                 | 90            | 20     | --10          | --21          |
| 16    | 100          | 85        | 122            | 110                | 135           | 45     | --10          | --24          |
| 17    | 60           | 65        | 93             | 100                | 110           | 90     | --5           | --24          |
| 18    | 30           | 46        | 82             | 80                 | 90            | 70     | --5           | --20          |
| 19    | 17           | 43        | 64             | 80                 | 78            | 50     | --10          | --20          |
| 20    | 7            | 16        | 48             | 63                 | 56            | 35     | --10          | --20          |
| 21    | 7            | 5         | 41             | 48                 | 45            | 20     | --10          | --22          |
| 22    | 3            | --5       | 38             | 50                 | 40            | 25     | --15          | --26          |
| 23    | 0            | --15      | 51             | 34                 | 65            | 20     | --15          | --30          |
| 24    | --3          | --4       | 33             | 27                 | 45            | 10     | --15          | --33          |
| 25    | --3          | --13      | 28             | 23                 | 39            | 0      | --20          | --33          |
| 26    | --6          | --16      | 25             | 24                 | 25            | 0      | --20          | --34          |
| 27    | --10         | --18      | 19             | 20                 | 30            | 0      | --20          | --34          |
| 28    | --10         | --25      | 16             | 10                 | 20            | --5    | --20          | --34          |
| 29    | --15         | --33      | 15             | 5                  | 20            | --10   | --20          | --35          |
| 30    | --15         | --34      | 12             | --7                | 15            | --15   | --20          | --35          |
| 31    | --15         | --35      | 11             | --3                | 15            | --20   | --20          | --39          |
| Σ     | 255          | --51      | 1438           | 1199               | 1718          | 685    | --212         | --528         |
| Sred. | 8.2          | --1.6     | 46.4           | 38.7               | 55.4          | 22.1   | --6.8         | --17.0        |

Rzeszów: Dészcz d. 3, 11 i 16.

Jagodniki: Dészcz d. 3 i 4.

Ujście Jezuickie: Dészcz d. 2, 4, 16, 17, 18, 23 i 31.

Szczucin: Dészcz d. 2, 3, 4, 10, 11, 15, 16, 17, 18, 20, 23, 24 i 31.

Dzików: Dészcz d. 2, 3, 4, 10, 16, 17, 20, 23 i 31.

Przemyśl: Dészcz d. 3, 4, 10, 16, 18 i 20.



## Sierpień 1877.

| Dzień | S a n   |          |         |       |               | Strwiąż   | Stryj |
|-------|---------|----------|---------|-------|---------------|-----------|-------|
|       | Radymno | Jarosław | Rzuchów | Nisko | Majdan Zbydn. | Koniuszki | Stryj |
| 1     | 0       | + 50     | + 58    | + 115 | + 114         | + 260     | —10   |
| 2     | —30     | 24       | 32      | 79    | 74            | 230       | —10   |
| 3     | —36     | 10       | 28      | 47    | 63            | 210       | —20   |
| 4     | —50     | 8        | 30      | 31    | 38            | 190       | —10   |
| 5     | —10     | 6        | 24      | 31    | 26            | 160       | —10   |
| 6     | —40     | 30       | 2       | 39    | 40            | 130       | —10   |
| 7     | —50     | 0        | —4      | 36    | 37            | 110       | —20   |
| 8     | —60     | —10      | —8      | 21    | 22            | 110       | —20   |
| 9     | —66     | —18      | —12     | 13    | 15            | 130       | —20   |
| 10    | —74     | —22      | —16     | 5     | 5             | 150       | —30   |
| 11    | —84     | —26      | —20     | 0     | 2             | 140       | —30   |
| 12    | —92     | —26      | —12     | —5    | 24            | 130       | —40   |
| 13    | —96     | —24      | —14     | + 8   | 20            | 90        | —40   |
| 14    | —98     | —30      | —26     | 0     | 11            | 90        | —40   |
| 15    | —98     | —38      | —28     | —8    | 4             | 80        | —40   |
| 16    | —98     | —40      | —32     | —15   | 0             | 80        | —40   |
| 17    | —92     | —42      | + 14    | —18   | 0             | 80        | —20   |
| 18    | —92     | —40      | 18      | + 23  | —2            | 80        | —20   |
| 19    | —94     | —30      | 20      | —8    | + 16          | 70        | —30   |
| 20    | —96     | —30      | 8       | 0     | 10            | 70        | —30   |
| 21    | —96     | —40      | —12     | 0     | 8             | 70        | —30   |
| 22    | —98     | —44      | —18     | —8    | 8             | 70        | —40   |
| 23    | —106    | —50      | —24     | —16   | 5             | 70        | —40   |
| 24    | —106    | —50      | —30     | —18   | —4            | 70        | —50   |
| 25    | —98     | —52      | —30     | —16   | —8            | 70        | —50   |
| 26    | —96     | —52      | —32     | —16   | —9            | 70        | —50   |
| 27    | —96     | —52      | —34     | —18   | —10           | 60        | —50   |
| 28    | —88     | —52      | —36     | —23   | —13           | 60        | —50   |
| 29    | —104    | —56      | —38     | —29   | —16           | 60        | —50   |
| 30    | —104    | —56      | —40     | —31   | —22           | 60        | —50   |
| 31    | —98     | —56      | —42     | —34   | —26           | 60        | —50   |
| Σ     | —2446   | —808     | —274    | 185   | 432           | 3310      | —1000 |
| Sred. | —78.9   | —26.1    | —8.8    | 6.0   | 13.9          | 106.8     | —32.3 |

Radymno: Dszech d. 2, 3, 16 i 24.

Jarosław: Dszech d. 2, 3, 16 i 24.

Rzuchów: Dszech d. 2, 10, 11, 16, 17, 20, 21, 23, 24 i 31.

Nisko: Dszech d. 6, 11, 20 i 25.

Majdan Zbydn.: Dszech d. 4, 5, 10, 11, 16, 17, 18, 20, 21, 22, 23 i 24.

Stryj: Dszech d. 3, 4, 16, 18, 20 i 22.

## Sierpień 1877.

| Dzień | Prut      | D n i e s t r |          |       |        |         |             |
|-------|-----------|---------------|----------|-------|--------|---------|-------------|
|       | Koło-myja | Radłowice     | Rozwadów | Siwka | Halicz | Niżniów | Zaleszczyki |
| 1     | + 10      | + 30          | + 190    | + 80  | + 120  | + 120   | + 180       |
| 2     | 0         | 20            | 200      | 67    | 100    | 115     | 150         |
| 3     | —10       | 20            | 200      | 60    | 100    | 95      | 130         |
| 4     | —10       | 20            | 210      | 59    | 90     | 95      | 110         |
| 5     | —10       | 10            | 210      | 64    | 90     | 95      | 96          |
| 6     | —10       | 10            | 190      | 62    | 90     | 100     | 99          |
| 7     | —10       | 10            | 190      | 57    | 90     | 95      | 88          |
| 8     | —10       | 10            | 170      | 50    | 90     | 90      | 86          |
| 9     | —10       | 10            | 150      | 39    | 80     | 80      | 80          |
| 10    | —10       | 10            | 130      | 22    | 70     | 75      | 72          |
| 11    | —10       | 5             | 110      | 15    | 60     | 70      | 63          |
| 12    | —10       | 0             | 100      | 13    | 60     | 65      | 56          |
| 13    | —10       | 0             | 90       | 11    | 60     | 65      | 46          |
| 14    | —15       | 0             | 70       | 7     | 60     | 60      | 46          |
| 15    | —15       | 0             | 60       | —2    | 60     | 57      | 41          |
| 16    | —10       | 20            | 40       | —2    | 40     | 55      | 35          |
| 17    | —10       | 30            | 40       | —4    | 40     | 55      | 30          |
| 18    | —10       | 20            | 30       | —1    | 40     | 55      | 24          |
| 19    | —15       | 10            | 40       | + 8   | 50     | 55      | 29          |
| 20    | —15       | 10            | 40       | 5     | 50     | 60      | 25          |
| 21    | —16       | 10            | 30       | —1    | 50     | 60      | 32          |
| 22    | —15       | 10            | 30       | + 10  | 40     | 58      | 31          |
| 23    | —16       | 10            | 50       | 12    | 40     | 56      | 30          |
| 24    | —17       | 10            | 40       | 12    | 40     | 60      | 30          |
| 25    | —19       | 10            | 40       | 8     | 40     | 60      | 30          |
| 26    | —20       | 10            | 30       | 5     | 40     | 60      | 36          |
| 27    | —19       | 10            | 30       | —2    | 40     | 55      | 30          |
| 28    | —20       | 10            | 20       | —5    | 40     | 54      | 25          |
| 29    | —20       | 10            | 20       | —8    | 40     | 50      | 20          |
| 30    | —21       | 10            | 20       | —12   | 30     | 50      | 27          |
| 31    | —21       | 10            | 20       | —15   | 30     | 47      | 23          |
| Σ     | —394      | 355           | 2790     | 614   | 1870   | 2167    | 1800        |
| Sred. | —12.7     | 11.5          | 90.0     | 19.8  | 60.3   | 69.9    | 58.1        |

Rozwadów: Dszech d. 3, 5, 18, 20, 22, 23, 24 i 27.

Niżniów: Dszech d. 3, 18, 20 i 21.



## Wrzesień 1877.

| Dzień | Soła        |          | Skawa    |       | Dunajec   |          |       | Wisłoka |
|-------|-------------|----------|----------|-------|-----------|----------|-------|---------|
|       | Ko-biernice | Oświęcim | Wadowice | Zator | Nowy Sącz | Zgłobice | Żabno | Łabuzie |
| 1     | -30         | -40      | +45      | +40   | +140      | -10      | -30   | +30     |
| 2     | -30         | -40      | -20      | 30    | 110       | -10      | -10   | 30      |
| 3     | -30         | -40      | -25      | 20    | 110       | -15      | -20   | 40      |
| 4     | -32         | -40      | -25      | 10    | 110       | -20      | -30   | 30      |
| 5     | -30         | -40      | -28      | 0     | 110       | -20      | -30   | 50      |
| 6     | -30         | -40      | -34      | -6    | 105       | -20      | -30   | 40      |
| 7     | -30         | -40      | -40      | -10   | 100       | -20      | -30   | 20      |
| 8     | -30         | -43      | -40      | -4    | 100       | -20      | -30   | 20      |
| 9     | -30         | -43      | -35      | -10   | 100       | -25      | -35   | 30      |
| 10    | -30         | -40      | -40      | 0     | 100       | -25      | -40   | 20      |
| 11    | -30         | -40      | -40      | 0     | 100       | -25      | -40   | 10      |
| 12    | -30         | -40      | -40      | 0     | 100       | -25      | -40   | 0       |
| 13    | -30         | -40      | -40      | -6    | 100       | -25      | -40   | 0       |
| 14    | -30         | -40      | -40      | -10   | 105       | -25      | -40   | 10      |
| 15    | -30         | -40      | -40      | -10   | 100       | -25      | -40   | 10      |
| 16    | -30         | -40      | -40      | -6    | 100       | -30      | -40   | 10      |
| 17    | -30         | -40      | -40      | -6    | 95        | -30      | -40   | 20      |
| 18    | -30         | -40      | -40      | -6    | 95        | -30      | -40   | 0       |
| 19    | -35         | -40      | -40      | -6    | 95        | -30      | -40   | -20     |
| 20    | -35         | -40      | -40      | -4    | 95        | -30      | -40   | -20     |
| 21    | -35         | -40      | -40      | -6    | 95        | -30      | -40   | -20     |
| 22    | -35         | -40      | -40      | -8    | 95        | -30      | -50   | -10     |
| 23    | -35         | -40      | -40      | 0     | 100       | -30      | -45   | -10     |
| 24    | -35         | -40      | -40      | 0     | 100       | -30      | -40   | -10     |
| 25    | -35         | -40      | -35      | +4    | 100       | -25      | -40   | -10     |
| 26    | -35         | -40      | -36      | 10    | 100       | -25      | -40   | 0       |
| 27    | -33         | -40      | -40      | 0     | 100       | -25      | -40   | 0       |
| 28    | -30         | -35      | -40      | 0     | 100       | -25      | -40   | 0       |
| 29    | -30         | -35      | -40      | -4    | 100       | -25      | -50   | 0       |
| 30    | -30         | -35      | -40      | -6    | 100       | -25      | -40   | 0       |
| Sred. | -945        | -1191    | -1038    | 6     | 3160      | -730     | -1110 | 270     |
| Sred. | -315        | -397     | -346     | 02    | 1053      | -243     | -370  | 90      |

Nowy Sącz: Dészcz d. 1, 2, 4, 8, 13, 15, 16, 17, 18, 20, 21, 22, 26 i 28.

Zgłobice: Dészcz d. 2, 4, 13, 14, 16, 17, 18, 20, 21, 24, 25 i 26.

Żabno: Dészcz d. 4, 8, 13, 14, 16, 17, 18, 21, 25, 26 i 28.

Łabuzie: Dészcz d. 1, 2, 4, 8, 13, 16, 17, 18, 21, 22, 23, 24, 25, 26 i 28.

## Wrzesień 1877.

| Dzień | Wisłok  | W i s ł a |           |                 |          |        | S a n    |          |
|-------|---------|-----------|-----------|-----------------|----------|--------|----------|----------|
|       | Rzeszów | Kraków    | Jagodniki | Ujście Jeznick. | Szczucin | Dzików | Postolów | Przemysł |
| 1     | 0       | -38       | +1        | -5              | +10      | +10    | -10      | -39      |
| 2     | -3      | -25       | 8         | +2              | 10       | -25    | -6       | -40      |
| 3     | -5      | -33       | 12        | 2               | 15       | -10    | -6       | -36      |
| 4     | -9      | -38       | 14        | -4              | 20       | -15    | -6       | -36      |
| 5     | -10     | -43       | 10        | -1              | 15       | -20    | -20      | -36      |
| 6     | -13     | -45       | 6         | -5              | 20       | -20    | -20      | -36      |
| 7     | -13     | -48       | 1         | -7              | 15       | -20    | -20      | -38      |
| 8     | -15     | -48       | -7        | -11             | -10      | -25    | -20      | -38      |
| 9     | -15     | -50       | -8        | -12             | -15      | -25    | -20      | -39      |
| 10    | -15     | -50       | -9        | -12             | -15      | -25    | -20      | -40      |
| 11    | -15     | -50       | -12       | -14             | -15      | -30    | -20      | -40      |
| 12    | -15     | -50       | -14       | -16             | -20      | -30    | -20      | -40      |
| 13    | -15     | -50       | -14       | -19             | -20      | -35    | -20      | -40      |
| 14    | -13     | -50       | -15       | -18             | -20      | -35    | -20      | -40      |
| 15    | -13     | -50       | -15       | -17             | -20      | -35    | -20      | -40      |
| 16    | -12     | -50       | -13       | -18             | -20      | -35    | -20      | -40      |
| 17    | -12     | -50       | -16       | -20             | -25      | -35    | -20      | -40      |
| 18    | -12     | -50       | -16       | -18             | -25      | -35    | -20      | -40      |
| 19    | -10     | -50       | -15       | -20             | -25      | -35    | -20      | -40      |
| 20    | -10     | -50       | -15       | -19             | -25      | -35    | -20      | -40      |
| 21    | -10     | -50       | -14       | -20             | -25      | -35    | -20      | -40      |
| 22    | -10     | -45       | -14       | -21             | -25      | -35    | -20      | -40      |
| 23    | -10     | -45       | -14       | -21             | -25      | -35    | +25      | -40      |
| 24    | -10     | -44       | -15       | -16             | -30      | -35    | 15       | -39      |
| 25    | -10     | -43       | -15       | -17             | -30      | -35    | -5       | -4       |
| 26    | -10     | -43       | -16       | -17             | -30      | -35    | -8       | -15      |
| 27    | -8      | -43       | -12       | -17             | -25      | -35    | -8       | -20      |
| 28    | -10     | -43       | -10       | -17             | -20      | -35    | -10      | -25      |
| 29    | -10     | -43       | -10       | -18             | -20      | -35    | -10      | -25      |
| 30    | -10     | -43       | -10       | -19             | -10      | -35    | -10      | -26      |
| 31    |         |           |           |                 |          |        |          |          |
| Sred. | -323    | -1360     | -247      | -415            | -390     | -895   | -399     | -1052    |
| Sred. | -108    | -453      | -82       | -138            | -130     | -298   | -133     | -351     |

Rzeszów: Dészcz d. 2, 3, 4, 14, 18, 21, 23 i 26.

Jagodniki: Dészcz d. 2, 3, 4, 8, 13, 16, 18, 25 i 28.

Ujście Jeznick.: Dészcz d. 2, 4, 8, 13, 14, 16, 18, 20, 21, 22, 23, 24, 25 i 28.

Szczucin: Dészcz d. 2, 4, 8, 13, 16, 18, 25 i 26.

Dzików: Dészcz d. 3, 13, 20, 22 i 25.

Przemysł: Dészcz d. 1, 2, 22, 24, 25 i 28.



## Wrzesień 1877.

| Dzień | S a n   |          |         |       |               | Strwiąż   | Stryj |
|-------|---------|----------|---------|-------|---------------|-----------|-------|
|       | Radymno | Jarosław | Rzuchów | Nisko | Majdan Zbydn. | Koniuszki | Stryj |
| 1     | -90     | -64      | -40     | -31   | -28           | +60       | -50   |
| 2     | -90     | -60      | -36     | -26   | -22           | 100       | -50   |
| 3     | -90     | -58      | -30     | -21   | -4            | 80        | -50   |
| 4     | -90     | -62      | -32     | -21   | -6            | 60        | -50   |
| 5     | -90     | -62      | -34     | -21   | -10           | 60        | -50   |
| 6     | -90     | -62      | -36     | -21   | -13           | 60        | -50   |
| 7     | -90     | -62      | -40     | -26   | -16           | 60        | -50   |
| 8     | -90     | -62      | -42     | -31   | -18           | 60        | -50   |
| 9     | -90     | -62      | -44     | -31   | -22           | 60        | -50   |
| 10    | -90     | -64      | -44     | -31   | -26           | 60        | -50   |
| 11    | -90     | -66      | -46     | -34   | -26           | 60        | -50   |
| 12    | -90     | -66      | -46     | -36   | -27           | 60        | -50   |
| 13    | -100    | -68      | -46     | -36   | -27           | 50        | -50   |
| 14    | -100    | -70      | -48     | -36   | -29           | 50        | -50   |
| 15    | -100    | -70      | -48     | -36   | -31           | 50        | -50   |
| 16    | -100    | -68      | -48     | -36   | -33           | 50        | -50   |
| 17    | -100    | -68      | -48     | -36   | -29           | 60        | -50   |
| 18    | -100    | -66      | -48     | -34   | -25           | 00        | -50   |
| 19    | -100    | -64      | -48     | -36   | -25           | 60        | -50   |
| 20    | +100    | -60      | -48     | -39   | -27           | 60        | -50   |
| 21    | -100    | -64      | -48     | -26   | -30           | 60        | -50   |
| 22    | -100    | -66      | -46     | -32   | -30           | 60        | -50   |
| 23    | -100    | -52      | -46     | -36   | -31           | 80        | +40   |
| 24    | -100    | -60      | -46     | -36   | -33           | 120       | 30    |
| 25    | -60     | -20      | -36     | -28   | -33           | 120       | 10    |
| 26    | -70     | -16      | -14     | +8    | -26           | 120       | 10    |
| 27    | -84     | -26      | -22     | 8     | -5            | 90        | -10   |
| 28    | -84     | -30      | -28     | 5     | +2            | 80        | -10   |
| 29    | -86     | -40      | -30     | 0     | -2            | 70        | -30   |
| 30    | -86     | -42      | -30     | -10   | -8            | 70        | -30   |
| Σ     | -2750   | -1702    | -1198   | -776  | -640          | 2090      | -1090 |
| Śred. | -91.7   | -56.7    | -39.9   | -25.9 | -21.3         | 69.7      | -36.3 |

Radymno: Dęszcz d. 1.

Jarosław: Dęszcz d. 1.

Rzuchów: Dęszcz d. 1, 8, 13, 14, 16, 18, 22, 23 i 28.

Nisko: Dęszcz d. 2, 8, 13, 15, 16, 17, 18, 21 i 26.

Majdan Zbydu. Dęszcz d. 1, 2, 3, 4, 7, 8, 13, 14, 15, 16, 17, 18, 21, 22, 26 i 28.

Stryj: Dęszcz d. 1, 2, 4, 8, 13, 15, 16, 17, 18, 22, 23, 25, 26 i 28.

## Wrzesień 1877.

| Dzień | Prut      | D n i e s t r |          |       |        |         |             |
|-------|-----------|---------------|----------|-------|--------|---------|-------------|
|       | Koło-myja | Radłowie      | Rozwadów | Siwka | Halicz | Niżniów | Zaleszczyki |
| 1     | -20       | +10           | +10      | -10   | +20    | +45     | +20         |
| 2     | -20       | 10            | 20       | -15   | 20     | 45      | 15          |
| 3     | -20       | 20            | 20       | -19   | 20     | 45      | 8           |
| 4     | -20       | 30            | 20       | -17   | 20     | 47      | 10          |
| 5     | -10       | 20            | 10       | -15   | 30     | 50      | 10          |
| 6     | -10       | 10            | 10       | -14   | 30     | 60      | 11          |
| 7     | -12       | 10            | 10       | -6    | 30     | 55      | 16          |
| 8     | -15       | 10            | 10       | -3    | 30     | 50      | 25          |
| 9     | -20       | 10            | 10       | -22   | 30     | 47      | 30          |
| 10    | -10       | 8             | 10       | -22   | 30     | 45      | 15          |
| 11    | -15       | 5             | 10       | -7    | 20     | 45      | 10          |
| 12    | -15       | 0             | 0        | -6    | 20     | 44      | 8           |
| 13    | -20       | 0             | 0        | -5    | 20     | 42      | 8           |
| 14    | -25       | 5             | 0        | -4    | 20     | 41      | 6           |
| 15    | -25       | 10            | 0        | -3    | 20     | 41      | 5           |
| 16    | -25       | 15            | 0        | -30   | 20     | 40      | 4           |
| 17    | -20       | 10            | 0        | -31   | 20     | 40      | 3           |
| 18    | -10       | 10            | 0        | -32   | 20     | 40      | 3           |
| 19    | -7        | 10            | 0        | -34   | 20     | 40      | 2           |
| 20    | -7        | 10            | 0        | -36   | 30     | 50      | 1           |
| 21    | -10       | 10            | 0        | +5    | 30     | 50      | 1           |
| 22    | +50       | 20            | 0        | 50    | 30     | 50      | 14          |
| 23    | 30        | 30            | 0        | 65    | 100    | 50      | 14          |
| 24    | 10        | 40            | 6        | 82    | 110    | 110     | 14          |
| 25    | 10        | 20            | 9        | 64    | 110    | 108     | 120         |
| 26    | 0         | 20            | 6        | 54    | 90     | 95      | 118         |
| 27    | 0         | 20            | 5        | 45    | 90     | 90      | 95          |
| 28    | 0         | 20            | 4        | 34    | 70     | 80      | 82          |
| 29    | 10        | 20            | 3        | 27    | 70     | 75      | 70          |
| 30    | 10        | 10            | 3        | 16    | 60     | 70      | 60          |
| Σ     | -216      | 423           | 176      | 120   | 1230   | 1090    | 798         |
| Śred. | -7.2      | 14.1          | 5.9      | 4.0   | 41.0   | 56.3    | 26.6        |

Rozwadów: Dęszcz d. 1, 4, 14, 16, 17, 18, 22, 23 i 26.

Halicz: Dęszcz d. 1, 5, 8, 12, 14, 17, 19, 20, 21, 22, 23, 24 i 27.

Niżniów: Dęszcz d. 1, 3, 4, 6, 8, 16, 17, 18, 21, 22, 23, 25, 26, 28 i 29.



## Październik 1877.

| Dzień | Soła        |           | Skawa     |       | Dunajec   |           |       | Wisłoka |
|-------|-------------|-----------|-----------|-------|-----------|-----------|-------|---------|
|       | Kobier-nice | Oświę-cin | Wado-wice | Zator | Nowy Sącz | Zgło-bice | Żabno | Łabuzie |
| 1     | -30         | -45       | -40       | +6    | +97       | -20       | -50   | -16     |
| 2     | -30         | -45       | -40       | 0     | 97        | -20       | -40   | -16     |
| 3     | -30         | -45       | -30       | 10    | 97        | -20       | -40   | -16     |
| 4     | -30         | -40       | -20       | 20    | 100       | -20       | -30   | -11     |
| 5     | -30         | -40       | -24       | 16    | 105       | -20       | -30   | -2      |
| 6     | -30         | -40       | -30       | 10    | 107       | -20       | -30   | -9      |
| 7     | -30         | -40       | -34       | 6     | 105       | -20       | -30   | -10     |
| 8     | -30         | -40       | -35       | 6     | 100       | -20       | -25   | -10     |
| 9     | -30         | -40       | -35       | 4     | 105       | -20       | -20   | -13     |
| 10    | -30         | -40       | -38       | 0     | 105       | -20       | -20   | -13     |
| 11    | -30         | -40       | -40       | -6    | 100       | -20       | -20   | -13     |
| 12    | -30         | -45       | -40       | -10   | 100       | -20       | -20   | -13     |
| 13    | -30         | -45       | -40       | -4    | 100       | -20       | -20   | -14     |
| 14    | -30         | -45       | -40       | 0     | 100       | -20       | -15   | -15     |
| 15    | -30         | -45       | -40       | 0     | 100       | -20       | -10   | -16     |
| 16    | -30         | -40       | -40       | +4    | 100       | -20       | -15   | -12     |
| 17    | -30         | -40       | -40       | 6     | 100       | -20       | -15   | -13     |
| 18    | -30         | -40       | -35       | 4     | 97        | -20       | -20   | -12     |
| 19    | -30         | -40       | -35       | 0     | 97        | -20       | -20   | -15     |
| 20    | -30         | -40       | -40       | 0     | 95        | -20       | -25   | -15     |
| 21    | -30         | -45       | -40       | -4    | 95        | -20       | -25   | -17     |
| 22    | -30         | -45       | -40       | -4    | 95        | -20       | -30   | -16     |
| 23    | -30         | -45       | -40       | 0     | 95        | -20       | -30   | -18     |
| 24    | -30         | -50       | -40       | 4     | 93        | -18       | -35   | -19     |
| 25    | -30         | -50       | -42       | 4     | 91        | -18       | -35   | -18     |
| 26    | -30         | -50       | -42       | 0     | 90        | -18       | -40   | -19     |
| 27    | -30         | -50       | -43       | -4    | 90        | -18       | -40   | -19     |
| 28    | -30         | -50       | -44       | -4    | 90        | -18       | -40   | -19     |
| 29    | -30         | -50       | -40       | -6    | 90        | -18       | -40   | -19     |
| 30    | -30         | -50       | -35       | -6    | 90        | -18       | -40   | -19     |
| 31    | -30         | -50       | -5        | -10   | 90        | -18       | -40   | -19     |
| Σ     | -930        | -1370     | -1127     | 42    | 3015      | -604      | -890  | -456    |
| Sred. | -30.0       | -44.2     | -36.4     | 1.4   | 97.3      | -19.5     | -28.7 | -14.7   |

Nowy Sącz: Dąszcz d. 2, 3, 4, 5, 8, 9, 13, 17, 26, 29 i 31; śnióg d. 18.

Zgłobice: Dąszcz d. 3, 4, 5, 6, 8, 13, 27, 29, 30 i 31; śnióg d. 18.

Żabno: Dąszcz d. 3, 4, 5, 8, 9, 10, 13, 16, 17, 18, 19 i 29.

Łabuzie: Dąszcz d. 9, 13, 29 i 31; śnióg d. 18.

## Październik 1877.

| Dzień | Wisłok   | W i s ł a |            |                 |           |        | S a n     |           |
|-------|----------|-----------|------------|-----------------|-----------|--------|-----------|-----------|
|       | Rze-szów | Kraków    | Jago-dniki | Ujście Jeznick. | Szczu-cin | Dzików | Posto-łów | Prze-mysł |
| 1     | -10      | -45       | -15        | —               | -30       | -35    | -20       | -25       |
| 2     | -10      | -45       | -14        | —               | -34       | -35    | -20       | -25       |
| 3     | -10      | -44       | -14        | —               | -36       | -35    | -20       | -26       |
| 4     | -5       | -43       | -13        | —               | -34       | -35    | -20       | -30       |
| 5     | -5       | -38       | -13        | —               | -36       | -35    | -20       | -30       |
| 6     | 0        | -38       | -12        | —               | -36       | -35    | -10       | -26       |
| 7     | 0        | -38       | -12        | —               | -32       | -35    | -10       | -25       |
| 8     | 0        | -38       | -12        | —               | -23       | -25    | -10       | -25       |
| 9     | +3       | -38       | -11        | —               | -27       | -21    | -10       | -25       |
| 10    | 5        | -38       | -11        | —               | -32       | -30    | -10       | -25       |
| 11    | 0        | -38       | -10        | —               | -33       | -30    | -10       | -25       |
| 12    | -3       | -38       | -10        | —               | -34       | -30    | -5        | -25       |
| 13    | -5       | -38       | -10        | —               | -34       | -30    | -5        | -25       |
| 14    | -10      | -38       | -10        | —               | -34       | -32    | -5        | -22       |
| 15    | -10      | -38       | -10        | —               | -34       | -33    | -5        | -22       |
| 16    | -10      | -38       | -9         | —               | -34       | -35    | -5        | -22       |
| 17    | -10      | -39       | -9         | —               | -34       | -35    | -5        | -24       |
| 18    | -10      | -39       | -12        | —               | -36       | -35    | -15       | -26       |
| 19    | -10      | -43       | -14        | —               | -38       | -35    | -15       | -26       |
| 20    | -10      | -45       | -14        | —               | -39       | -35    | -15       | -25       |
| 21    | -10      | -45       | -15        | —               | -40       | -35    | -15       | -25       |
| 22    | -10      | -45       | -17        | —               | -42       | -35    | -20       | -27       |
| 23    | -10      | -46       | -19        | —               | -43       | -35    | -20       | -29       |
| 24    | -10      | -47       | -21        | —               | -45       | -35    | -20       | -30       |
| 25    | -10      | -48       | -23        | —               | -46       | -35    | -20       | -30       |
| 26    | -15      | -52       | -24        | —               | -48       | -35    | -20       | -30       |
| 27    | -15      | -53       | -27        | —               | -48       | -35    | -20       | -30       |
| 28    | -15      | -55       | -29        | —               | -50       | -35    | -20       | -35       |
| 29    | -15      | -56       | -29        | —               | -50       | -35    | -20       | -35       |
| 30    | -10      | -58       | -30        | —               | -50       | -35    | -20       | -35       |
| 31    | -10      | -58       | -30        | —               | -50       | -35    | -20       | -35       |
| Σ     | -240     | -1362     | -499       | —               | -1020     | -1036  | -450      | -745      |
| Sred. | -7.7     | -43.9     | -16.1      | —               | -32.9     | -33.4  | -14.5     | -24.0     |

Rzeszów: Dąszcz d. 4, 8, 11, 12, 17, 30 i 31.

Jagodniki: Dąszcz d. 3, 4, 12, 13, 16, 17, 29 i 31; śn. d. 18; d. i śn. d. 19.

Szczucin: Dąszcz d. 3, 13 i 31; śnióg d. 18.

Dzików: Dąszcz d. 30 i 31; dąszcz i śnióg d. 18 i 19.

Przemyśl: Dąszcz d. 3 i 17; śnióg d. 18.



## Październik 1877.

| Dzień | S a n   |          |         |       |               | Strwiąż   | Stryj |
|-------|---------|----------|---------|-------|---------------|-----------|-------|
|       | Radymno | Jarosław | Rzuchów | Nisko | Majdan Zbydn. | Koniuszki | Stryj |
| 1     | -84     | -48      | -34     | -16   | -12           | + 70      | -30   |
| 2     | -96     | -50      | -38     | -21   | -15           | 70        | -30   |
| 3     | -98     | -54      | -42     | -21   | -17           | 70        | -30   |
| 4     | -98     | -54      | -42     | -21   | -20           | 60        | -30   |
| 5     | -98     | -54      | -42     | -23   | -23           | 60        | -30   |
| 6     | -98     | -54      | -42     | -23   | -27           | 60        | -30   |
| 7     | -98     | -54      | -42     | -26   | -30           | 60        | -30   |
| 8     | -98     | -56      | -40     | -18   | -27           | 60        | -30   |
| 9     | -96     | -54      | -40     | -21   | -23           | 60        | -20   |
| 10    | -96     | -52      | -40     | -21   | -25           | 60        | -20   |
| 11    | -98     | -50      | -40     | -21   | -25           | 60        | -30   |
| 12    | -98     | -52      | -42     | -21   | -25           | 60        | -30   |
| 13    | -98     | -50      | -42     | -23   | -26           | 60        | -30   |
| 14    | -98     | -54      | -42     | -23   | -25           | 60        | -30   |
| 15    | -98     | -60      | -42     | -23   | -25           | 70        | -30   |
| 16    | -98     | -58      | -42     | -23   | -25           | 70        | -30   |
| 17    | -100    | -58      | -44     | -23   | -26           | 70        | -20   |
| 18    | -100    | -58      | -44     | -23   | -27           | 70        | -20   |
| 19    | -100    | -60      | -44     | -23   | -23           | 70        | -20   |
| 20    | -102    | -60      | -44     | -21   | -23           | 70        | -20   |
| 21    | -102    | -60      | -44     | -21   | -23           | 70        | -30   |
| 22    | -104    | -62      | -44     | -23   | -23           | 70        | -30   |
| 23    | -104    | -66      | -44     | -26   | -24           | 60        | -30   |
| 24    | -104    | -66      | -44     | -26   | -25           | 60        | -30   |
| 25    | -104    | -66      | -44     | -29   | -21           | 60        | -30   |
| 26    | -104    | -68      | -44     | -29   | -21           | 60        | -30   |
| 27    | -106    | -68      | -46     | -31   | -22           | 60        | -30   |
| 28    | -106    | -68      | -46     | -34   | -26           | 60        | -30   |
| 29    | -106    | -68      | -46     | -34   | -30           | 50        | -40   |
| 30    | -106    | -70      | -46     | -35   | -32           | 50        | -40   |
| 31    | -106    | -70      | -48     | -35   | -35           | 50        | -40   |
| Σ     | -3102   | -1822    | -1324   | -758  | -751          | 1940      | -900  |
| Sred. | -100.1  | -58.8    | -42.7   | -24.5 | -24.2         | 62.6      | -29.9 |

Radymno: Dąszcz i śnieg d. 18.

Jarosław: Dąszcz i śnieg d. 18.

Rzuchów: Dąszcz d. 9, 11, 12 i 13; śnieg d. 18 i 19.

Nisko: Dąszcz d. 3, 9, 10, 11, 12, 13, 17, 21 i 31; dąszcz i śn. d. 18 i 19.

Majdan Zbydn.: Dąszcz d. 3, 11, 12, 16, 17, 29 i 31; śnieg d. 18 i 19.

Stryj: Dąszcz d. 3, 4, 5, 9, 11, 12, 17 i 18; dąszcz i śnieg d. 8.

## Październik 1877.

| Dzień | Prut      | D n i e s t r |          |       |        |         |             |
|-------|-----------|---------------|----------|-------|--------|---------|-------------|
|       | Koło-myja | Radłowice     | Rozwadów | Siwka | Halicz | Niżniów | Zaleszczyki |
| 1     | -10       | + 10          | + 30     | + 12  | + 50   | + 65    | + 50        |
| 2     | -15       | 10            | 20       | 90    | 50     | 60      | 42          |
| 3     | -17       | 10            | 20       | 80    | 50     | 60      | 40          |
| 4     | -20       | 0             | 20       | 70    | 50     | 55      | 35          |
| 5     | + 10      | 0             | 10       | 60    | 50     | 56      | 30          |
| 6     | 20        | 0             | 50       | 25    | 60     | 70      | 30          |
| 7     | 10        | 0             | 50       | 28    | 70     | 80      | 36          |
| 8     | 0         | 0             | 50       | 26    | 70     | 80      | 65          |
| 9     | -5        | 5             | 50       | 25    | 70     | 70      | 70          |
| 10    | 0         | 10            | 40       | 20    | 70     | 70      | 60          |
| 11    | + 10      | 10            | 40       | 20    | 70     | 70      | 60          |
| 12    | 20        | 10            | 40       | 25    | 70     | 80      | 58          |
| 13    | 10        | 10            | 40       | 25    | 70     | 80      | 62          |
| 14    | 10        | 10            | 30       | 15    | 70     | 80      | 70          |
| 15    | 10        | 6             | 30       | 15    | 60     | 77      | 65          |
| 16    | 5         | 0             | 30       | 15    | 60     | 75      | 62          |
| 17    | 0         | 0             | 20       | 14    | 60     | 75      | 50          |
| 18    | 0         | 0             | 20       | 13    | 60     | 72      | 54          |
| 19    | 0         | 0             | 20       | 12    | 60     | 72      | 50          |
| 20    | -10       | 0             | 20       | 8     | 60     | 68      | 50          |
| 21    | -10       | 0             | 20       | 7     | 60     | 64      | 48          |
| 22    | -10       | 0             | 20       | 6     | 50     | 60      | 46          |
| 23    | -10       | 0             | 20       | 4     | 50     | 60      | 40          |
| 24    | -10       | 0             | 20       | 2     | 50     | 58      | 36          |
| 25    | -20       | 0             | 20       | -2    | 50     | 56      | 32          |
| 26    | -20       | 0             | 10       | -4    | 40     | 54      | 20          |
| 27    | -20       | 0             | 10       | -5    | 40     | 53      | 26          |
| 28    | -20       | 0             | 10       | -12   | 40     | 50      | 23          |
| 29    | -20       | 0             | 10       | -14   | 40     | 48      | 20          |
| 30    | -20       | 0             | 10       | -15   | 40     | 48      | 10          |
| 31    | -20       | 0             | 10       | -16   | 30     | 47      | 18          |
| Σ     | -152      | 91            | 790      | 549   | 1720   | 2013    | 1376        |
| Sred. | -4.9      | 2.9           | 25.5     | 17.7  | 55.5   | 64.9    | 44.4        |

Rozwadów: Dąszcz d. 3, 5, 6, 11 i 13.

Halicz: Dąszcz d. 4, 5, 8, 9, 10, 11, 12 i 13.

Niżniów: Dąszcz d. 3, 4, 5, 8, 9, 10, 12, 14 i 17; dąszcz i śnieg d. 13.



## Listopad 1877.

| Dzień    | Soła        |           | Skawa     |       | Dunajec   |           |        | Wisłoka  |
|----------|-------------|-----------|-----------|-------|-----------|-----------|--------|----------|
|          | Kobier-nice | Oświę-cin | Wado-wice | Zator | Nowy Sącz | Zgło-bice | Żabno  | Łabu-zie |
| 1        | + 80        | + 10      | -10       | + 4   | + 90      | -20       | -40    | -10      |
| 2        | 72          | 10        | -30       | 4     | 100       | -20       | -30    | -10      |
| 3        | 64          | 5         | -10       | 6     | 120       | -20       | + 10   | -10      |
| 4        | 55          | 0         | -15       | 8     | 110       | -20       | 0      | -10      |
| 5        | 53          | -5        | -28       | 14    | 105       | -20       | -10    | -10      |
| 6        | 53          | -8        | -30       | 10    | 105       | -20       | -20    | -10      |
| 7        | 40          | -10       | -30       | 6     | 100       | -20       | -25    | -10      |
| 8        | 40          | -10       | -34       | 4     | 100       | -20       | -30    | -10      |
| 9        | 32          | -10       | -36       | 0     | 100       | -20       | -30    | -20      |
| 10       | 32          | -10       | -38       | 0     | 100       | -20       | -30    | -20      |
| 11       | 25          | -15       | -40       | 0     | 95        | -20       | -30    | -20      |
| 12       | 25          | -15       | -40       | -4    | 95        | -20       | -35    | -20      |
| 13       | 15          | -20       | -40       | -6    | 95        | -20       | -35    | -20      |
| 14       | 15          | -20       | -42       | -10   | 90        | -20       | -40    | -20      |
| 15       | 15          | -30       | -43       | -14   | 90        | -20       | -40    | -20      |
| 16       | 15          | -30       | -44       | -10   | 90        | -20       | -45    | -20      |
| 17       | 10          | -30       | -44       | -8    | 90        | -20       | -50    | -20      |
| 18       | 10          | -30       | -44       | -4    | 90        | -20       | -50    | -20      |
| 19       | 8           | -30       | -42       | -4    | 90        | -25       | -50    | -20      |
| 20       | 8           | -30       | -43       | -4    | 90        | -25       | -50    | -20      |
| 21       | 0           | -25       | -44       | -4    | 90        | -25       | -50    | -20      |
| 22       | 0           | -25       | -40       | -4    | 90        | -25       | -50    | -20      |
| 23       | 0           | -25       | -42       | -4    | 87        | -25       | -50    | -20      |
| 24       | 0           | -20       | -44       | -4    | 87        | -25       | -50    | -20      |
| 25       | 0           | -20       | -45       | 0     | 85        | -25       | -50    | -20      |
| 26       | 30          | -20       | -44       | 0     | 85        | -25       | -55    | -20      |
| 27       | 55          | -10       | -35       | 0     | 85        | -25       | -60    | -20      |
| 28       | 30          | -10       | -35       | 0     | 85        | -25       | -65    | -20      |
| 29       | 25          | -10       | -35       | -2    | 85        | -25       | -70    | -20      |
| 30       | 25          | -10       | -30       | -2    | 85        | -25       | -70    | -20      |
| Sred. M. | 83.2        | -45.3     | -10.77    | -2.8  | 280.9     | -66.0     | -120.0 | -52.0    |
| Sred.    | 27.7        | -15.1     | -35.9     | -0.9  | 93.6      | -22.0     | -40.0  | -17.3    |

Nowy Sącz: Dęszcz d. 2, 21, 25, 28 i 29; dęszcz i śnieg d. 20.

Zgłobice: Dęszcz d. 1, 2, 23 i 25.

Żabno: Dęszcz d. 1, 4, 21, 22, 23 i 29.

Łabuzie: Dęszcz d. 1, 2, 4, 23, 25 i 29.

## Listopad 1877.

| Dzień    | Wisłok   | W i s ł a |            |                |           |        | S a n     |           |
|----------|----------|-----------|------------|----------------|-----------|--------|-----------|-----------|
|          | Rze-szów | Kraków    | Jago-dniki | Ujście Jezuck. | Szczu-cin | Dzików | Posto-łów | Prze-mysł |
| 1        | -10      | -55       | -30        | —              | -49       | -35    | -20       | -38       |
| 2        | -10      | -35       | -8         | —              | -46       | -35    | -20       | -34       |
| 3        | -8       | -15       | + 15       | —              | -37       | -35    | -20       | -33       |
| 4        | -5       | -5        | 22         | —              | + 6       | -20    | -10       | -32       |
| 5        | -5       | -15       | 18         | —              | 12        | + 20   | -10       | -32       |
| 6        | -5       | -24       | 14         | —              | -2        | 10     | -10       | -28       |
| 7        | -5       | -35       | 10         | —              | -13       | 5      | -10       | -35       |
| 8        | -5       | -36       | 8          | —              | -20       | 5      | -10       | -35       |
| 9        | -5       | -44       | 5          | —              | -26       | 0      | -10       | -36       |
| 10       | -5       | -45       | 2          | —              | -30       | -5     | -10       | -36       |
| 11       | -7       | -46       | -9         | —              | -35       | -10    | -20       | -36       |
| 12       | -7       | -47       | -16        | —              | -38       | -20    | -20       | -36       |
| 13       | -7       | -48       | -23        | —              | -40       | -25    | -20       | -36       |
| 14       | -10      | -53       | -25        | —              | -42       | -30    | -20       | -38       |
| 15       | -10      | -55       | -25        | —              | -44       | -30    | -20       | -30       |
| 16       | -10      | -56       | -28        | —              | -45       | -35    | -20       | -38       |
| 17       | -10      | -57       | -29        | —              | -45       | -35    | -20       | -38       |
| 18       | -10      | -57       | -30        | —              | -46       | -35    | -20       | -40       |
| 19       | -10      | -57       | -30        | —              | -47       | -40    | -20       | -40       |
| 20       | -10      | -57       | -31        | —              | -48       | -40    | -20       | -40       |
| 21       | -10      | -58       | -32        | —              | -49       | -40    | -20       | -40       |
| 22       | -10      | -58       | -33        | —              | -50       | -45    | -20       | -40       |
| 23       | -7       | -57       | -34        | —              | -50       | -45    | -20       | -40       |
| 24       | -7       | -57       | -35        | —              | -49       | -45    | -20       | -40       |
| 25       | -7       | -57       | -32        | —              | -47       | -50    | -20       | -40       |
| 26       | -5       | -56       | -31        | —              | -48       | -50    | -20       | -40       |
| 27       | -10      | -55       | -29        | —              | -48       | -50    | -20       | -40       |
| 28       | -10      | -54       | -28        | —              | -47       | -50    | -20       | -40       |
| 29       | -10      | -55       | -25        | —              | -40       | -50    | -20       | -40       |
| 30       | -10      | -55       | -23        | —              | -37       | -40    | -20       | -40       |
| Sred. M. | -24.0    | -140.4    | -49.2      | —              | -110.0    | -85.5  | -53.0     | -112.0    |
| Sred.    | -8.0     | -46.8     | -16.4      | —              | -36.7     | -28.5  | -17.7     | -37.8     |

Rzeszów: Dęszcz d. 1, 2, 22, 25 i 26.

Jagodniki: Dęszcz d. 1, 2, 4, 25, 26 i 29.

Szczucin: Dęszcz d. 4, 21 i 23.

Dzików: Dęszcz d. 1, 2, 23, 24 i 25.

Przemysł: Dęszcz d. 2 i 23.



## Listopad 1877.

| Dzień | S a n   |          |         |       |               | Strwiąż   | Stryj |
|-------|---------|----------|---------|-------|---------------|-----------|-------|
|       | Radymno | Jarosław | Rzuchów | Nisko | Majdan Zbydn. | Koniuszki | Stryj |
| 1     | -108    | -70      | -48     | -34   | -35           | + 50      | -40   |
| 2     | -108    | -70      | -48     | -34   | -33           | 50        | -40   |
| 3     | -108    | -68      | -46     | -31   | -30           | 60        | -40   |
| 4     | -108    | -64      | -46     | -23   | -30           | 60        | -40   |
| 5     | -104    | -62      | -44     | -21   | -26           | 80        | -40   |
| 6     | -104    | -62      | -44     | -21   | -23           | 70        | -40   |
| 7     | -104    | -62      | -46     | -18   | -22           | 70        | -40   |
| 8     | -106    | -62      | -46     | -21   | -23           | 60        | -40   |
| 9     | -106    | -62      | -46     | -23   | -24           | 60        | -40   |
| 10    | -106    | -62      | -46     | -26   | -24           | 60        | -40   |
| 11    | -106    | -62      | -46     | -26   | -26           | 60        | -40   |
| 12    | -106    | -64      | -46     | -31   | -27           | 60        | -40   |
| 13    | -108    | -66      | -46     | -28   | -27           | 60        | -40   |
| 14    | -108    | -70      | -46     | -31   | -29           | 50        | -40   |
| 15    | -108    | -70      | -48     | -31   | -29           | 50        | -40   |
| 16    | -108    | -70      | -48     | -34   | -30           | 50        | -40   |
| 17    | -108    | -70      | -48     | -34   | -30           | 50        | -40   |
| 18    | -108    | -70      | -48     | -31   | -32           | 50        | -40   |
| 19    | -108    | -72      | -50     | -34   | -32           | 50        | -40   |
| 20    | -108    | -74      | -52     | -34   | -33           | 50        | -40   |
| 21    | -112    | -74      | -52     | -34   | -33           | 50        | -40   |
| 22    | -112    | -74      | -52     | -34   | -33           | 50        | -40   |
| 23    | -112    | -74      | -52     | -34   | -33           | 50        | -40   |
| 24    | -112    | -74      | -52     | -35   | -34           | 50        | -40   |
| 25    | -112    | -74      | -52     | -35   | -34           | 40        | -40   |
| 26    | -112    | -76      | -52     | -35   | -34           | 40        | -40   |
| 27    | -112    | -76      | -52     | -35   | -34           | 40        | -40   |
| 28    | -112    | -76      | -54     | -35   | -34           | 40        | -40   |
| 29    | -112    | -76      | -54     | -35   | -34           | 40        | -40   |
| 30    | -112    | -76      | -54     | -35   | -34           | 40        | -40   |
| Σ     | -3258   | -2082    | -1464   | -913  | -902          | 1590      | -1200 |
| Śred. | -108.6  | -69.4    | -48.8   | -30.4 | -30.1         | 53.0      | -40.0 |

Rzuchów: Dęszcz d. 1, 22 i 29.

Nisko: Dęszcz d. 1, 4, 17 i 25.

Majdan Zbydu. Dęszcz d. 2, 23, 25 i 29.

Stryj: Dęszcz d. 2, 26 i 30.

## Listopad 1877.

| Dzień | Prut      | D n i e s t r |           |       |        |         |             |
|-------|-----------|---------------|-----------|-------|--------|---------|-------------|
|       | Koło-myja | Radło-wice    | Rozwa-dów | Siwka | Halicz | Niżniów | Zaleszczyki |
| 1     | -20       | 0             | + 10      | -17   | + 30   | + 46    | + 18        |
| 2     | -20       | 0             | 10        | -18   | 30     | 45      | 16          |
| 3     | -20       | 0             | 10        | -19   | 30     | 42      | 15          |
| 4     | -20       | 0             | 10        | -20   | 30     | 40      | 14          |
| 5     | -25       | 0             | 10        | -20   | 30     | 40      | 12          |
| 6     | -25       | 0             | 10        | -23   | 30     | 40      | 10          |
| 7     | -25       | 0             | 10        | -23   | 30     | 40      | 9           |
| 8     | -25       | 0             | 10        | -23   | 30     | 38      | 13          |
| 9     | -25       | -2            | 10        | -24   | 30     | 38      | 14          |
| 10    | -25       | -5            | 10        | -24   | 30     | 36      | 12          |
| 11    | -25       | -10           | 10        | -26   | 30     | 36      | 10          |
| 12    | -25       | -10           | 0         | -27   | 30     | 35      | 10          |
| 13    | -30       | -10           | 0         | -28   | 20     | 35      | 8           |
| 14    | -30       | -10           | 0         | -29   | 20     | 35      | 7           |
| 15    | -30       | -10           | 0         | -29   | 20     | 34      | 5           |
| 16    | -30       | -10           | 0         | -29   | 20     | 33      | 3           |
| 17    | -30       | -10           | 0         | -29   | 20     | 32      | 2           |
| 18    | -30       | -10           | 0         | -30   | 20     | 32      | 2           |
| 19    | -30       | -10           | 0         | -30   | 20     | 31      | 2           |
| 20    | -30       | -10           | 0         | -30   | 20     | 31      | 2           |
| 21    | -30       | -10           | 0         | -30   | 20     | 31      | 2           |
| 22    | -30       | -10           | -10       | -30   | 20     | 30      | 2           |
| 23    | -30       | -10           | -10       | -31   | 20     | 30      | 1           |
| 24    | -30       | -10           | -10       | -31   | 20     | 30      | 2           |
| 25    | -30       | -10           | -10       | -32   | 20     | 30      | 0           |
| 26    | -30       | -10           | -10       | -32   | 20     | 30      | 0           |
| 27    | -30       | -10           | -10       | -32   | 20     | 33      | 0           |
| 28    | -30       | -10           | -10       | -33   | 20     | 33      | 0           |
| 29    | -30       | -10           | -10       | -33   | 20     | 33      | 0           |
| 30    | -30       | -10           | -10       | -33   | 20     | 33      | 2           |
| Σ     | -820      | -207          | 20        | -815  | 720    | 1052    | 193         |
| Śred. | -27.3     | -6.9          | 0.7       | -27.2 | 24.0   | 35.1    | 6.4         |

Rozwadów: Dęszcz d. 1 i 2.

Halicz: Dęszcz d. 24.

Niżniów: Dęszcz d. 24; dęszcz i śnieg d. 26.



## Grudzień 1922.

| Dzień | Soła          |            | Skawa     |       | Dunajec   |           |       | Wisłoka  |
|-------|---------------|------------|-----------|-------|-----------|-----------|-------|----------|
|       | Ko-bi-erni-ce | Oświ-ę-cin | Wado-wice | Zator | Nowy Sącz | Zgło-bice | Żabno | Łabu-zie |
| 1     | + 25          | -10        | + 30      | + 4   | + 85      | -30       | -60   | -20      |
| 2     | 25            | -10        | -30       | -4    | 85        | -30       | -50   | -20      |
| 3     | 25            | -10        | -30       | -4    | 85        | -30       | -60   | -20      |
| 4     | 24            | -10        | -30       | -4    | 85        | -30       | -50   | -20      |
| 5     | 24            | -10        | -30       | -6    | 85        | -30       | -50   | -20      |
| 6     | 20            | -10        | -32       | -6    | 85        | -30       | -50   | -20      |
| 7     | 20            | -15        | -32       | -6    | 87        | -30       | -50   | -20      |
| 8     | 15            | -15        | -34       | -4    | 90        | -30       | -50   | -20      |
| 9     | 15            | -20        | -34       | -4    | 90        | -30       | -50   | -20      |
| 10    | 15            | -20        | -34       | -0    | 90        | -30       | -50   | -20      |
| 11    | 8             | -25        | -36       | + 4   | 75        | -30       | -60   | -20      |
| 12    | 8             | -25        | -38       | 6     | 75        | -30       | -60   | -20      |
| 13    | 5             | -25        | -38       | 6     | 75        | -30       | -60   | -20      |
| 14    | 0             | -30        | -38       | 6     | 85        | -30       | -60   | -20      |
| 15    | -5            | -30        | -38       | 8     | 85        | -30       | -60   | -20      |
| 16    | -6            | -30        | -38       | 10    | 80        | -30       | -60   | -20      |
| 17    | -15           | -30        | -38       | 4     | 75        | -30       | -60   | -20      |
| 18    | -20           | -35        | -39       | 0     | 75        | -30       | -70   | -20      |
| 19    | -24           | -35        | -39       | -4    | 80        | -30       | -70   | -20      |
| 20    | -24           | -40        | -39 l     | -4    | 75        | -30       | -70   | -20      |
| 21    | -24           | -40        | -39       | -6    | 75        | -30 l     | -60   | -20      |
| 22    | -24 l         | -40        | -39       | -4    | 75        | -30       | -40 l | -20      |
| 23    | -24           | -40        | -39       | -4    | 80        | -30       | -30   | -20      |
| 24    | -24           | -40        | -39       | -6    | 80        | -30       | -30   | -20      |
| 25    | -24           | -40        | -39       | -10   | 85        | -30       | -40   | -20      |
| 26    | -24           | -40        | -39       | -10   | 87        | -30       | -40   | -20      |
| 27    | -24           | -40        | -39       | -10   | 90        | -30       | -45   | -20      |
| 28    | -24           | -40        | -39       | -10   | 90        | -30       | -50   | -20      |
| 29    | -24           | -40        | -39       | -10   | 90        | -30       | -50   | -20      |
| 30    | -24           | -40        | -39       | -12   | 87        | -30       | -55   | -20      |
| 31    | -24 l         | -40        | -39 l     | -12   | 85        | -30 l     | -60 l | -20      |
| Σ     | -129          | -875       | -1126     | -92   | 2571      | -930      | -1650 | -620     |
| Śred. | -4.2          | -28.2      | -36.3     | -3.0  | 82.9      | -30.0     | -53.2 | -20.0    |

Nowy Sącz: Dęszcz d. 4 i 8; śnieg d. 9, 14, 15, 17, 18, 19, 20, 21, 23, 24, 26, 27, 29, 30 i 31.

Zgłobice: Dęszcz d. 5; śnieg d. 8, 14, 19 i 20.

Żabno: Dęszcz d. 4, 5, 6, 7, 8 i 9; śnieg d. 17, 26, 27, 28 i 29; d. i śn. d. 14.

Łabuzie: Dęszcz d. 8 i 14; śnieg d. 15, 18, 19, 20, 24 i 29.

## Grudzień 1922.

| Dzień | Wisłok   | W i s ł a |            |                 |           |        | S a n     |           |
|-------|----------|-----------|------------|-----------------|-----------|--------|-----------|-----------|
|       | Rze-szów | Kraków    | Jago-dniki | Ujście Jeznick. | Szczu-cin | Dzików | Posto-łów | Prze-mysł |
| 1     | -15      | -35       | -28        | —               | -40       | -33    | -20       | -40       |
| 2     | -15      | -36       | -30        | —               | -40       | -30    | -20       | -40       |
| 3     | -15      | -44       | -30        | —               | -40       | -30    | -20       | -40       |
| 4     | -15      | -45       | -30        | —               | -40       | -30    | -10       | -40       |
| 5     | -15      | -47       | -30        | —               | -39       | -30    | -10       | -40       |
| 6     | -15      | -48       | -31        | —               | -59       | -30    | -10       | -40       |
| 7     | -15      | -48       | -32        | —               | -52       | -30    | -20       | -40       |
| 8     | -15      | -48       | -33        | —               | -54       | -30    | -20       | -40       |
| 9     | -15      | -48       | -34        | —               | -54       | -33    | -20       | -40       |
| 10    | -15      | -51       | -35        | —               | -56       | -35    | -20       | -40       |
| 11    | -15      | -54       | -36        | —               | -57       | -40    | -20       | -40       |
| 12    | -15      | -56       | -37        | —               | -60       | -40    | -20       | -40       |
| 13    | -15      | -61       | -38        | —               | -60       | -40    | -20       | -40       |
| 14    | -15      | -62       | -38        | —               | -59       | -40    | -20       | -40 l     |
| 15    | -15      | -62       | -39        | —               | -59       | -40    | -20       | -40       |
| 16    | -15      | -62       | -40        | —               | -60       | -40    | -10       | -42       |
| 17    | -15      | -62       | -38        | —               | -60       | -40    | -10 l     | -42       |
| 18    | -15      | -62       | -37        | —               | -65       | -45    | -10       | -42       |
| 19    | -15 l    | -62       | -35        | —               | -66       | -45    | -10       | -42       |
| 20    | -15      | -62       | -34        | —               | -78       | -50    | -10       | -42       |
| 21    | -15      | -63       | -32        | —               | -85       | -50 l  | -10       | -43       |
| 22    | -15      | -63       | -31        | —               | -58       | -50    | -10       | -46       |
| 23    | -15      | -61       | -29        | —               | -62       | -50    | -10       | -50       |
| 24    | -15      | -60       | -28        | —               | -52       | -50    | -10       | -59       |
| 25    | -15      | -58       | -27        | —               | -50       | -50    | -10       | -59       |
| 26    | -15      | -54       | -26        | —               | -49       | -50    | -10       | -60       |
| 27    | -15      | -52       | -25        | —               | -45       | -50    | -10       | -60       |
| 28    | -15      | -49       | -23        | —               | -44       | -50    | -10       | -60       |
| 29    | -15      | -44       | -21        | —               | -44       | -50    | -10       | -60       |
| 30    | -15      | -45       | -22        | —               | -44       | -50    | -10       | -62       |
| 31    | -15 l    | -47       | -22        | —               | -45       | -50 l  | -10 l     | -63 l     |
| Σ     | -465     | -1651     | -961       | —               | -1667     | -1281  | -430      | -1432     |
| Śred. | -15.0    | -53.3     | -31.0      | —               | -53.8     | -41.3  | -13.9     | -46.2     |

Rzeszów: Dęszcz d. 2 i 4; śnieg d. 14, 19 i 26.

Jagodniki: Dęszcz d. 2 i 5; śnieg d. 14, 17, 18, 20 i 27.

Szczucin: Śnieg d. 14, 17, 19, 20, 26, 28 i 29.

Dzików: Dęszcz d. 4 i 14; śnieg d. 17, 18, 19, 20, 25, 26 i 28.

Przemysł: Śnieg d. 15, 18, 19, 20, 21, 24, 26 i 27.



## Grudzień 1937.

| Dzień | S a n   |          |         |       |               | Strwiąż   | Stryj |
|-------|---------|----------|---------|-------|---------------|-----------|-------|
|       | Radymno | Jarosław | Rzuchów | Nisko | Majdan Zbydn. | Koniuszki | Stryj |
| 1     | -112    | -76      | -54     | -35   | -34           | + 40      | -40   |
| 2     | -112    | -76      | -52     | -35   | -34           | 40        | -40   |
| 3     | -112    | -76      | -52     | -33   | -34           | 40        | -40   |
| 4     | -112    | -74      | -52     | -33   | -34           | 40        | -40   |
| 5     | -112    | -72      | -52     | -33   | -35           | 40        | -40   |
| 6     | -112    | -72      | -52     | -29   | -35           | 40        | -40   |
| 7     | -112    | -72      | -52     | -31   | -35           | 40        | -40   |
| 8     | -112    | -72      | -52     | -31   | -35           | 40        | -40   |
| 9     | -112    | -74      | -54     | -31   | -35           | 40        | -40   |
| 10    | -112    | -74      | -54     | -34   | -37           | 40        | -40   |
| 11    | -112    | -76      | -54     | -36   | -40           | 40        | -40   |
| 12    | -112    | -76      | -54     | -47   | -40           | 40        | -40   |
| 13    | -112    | -76      | -54     | -40   | -42           | 50        | -40   |
| 14    | -112    | -76      | -52     | -31   | -42           | 50        | -40   |
| 15    | -112    | -76      | -52     | -34   | -34           | 50        | -40   |
| 16    | -114    | -76      | -52     | -31   | -37           | 50        | -40   |
| 17    | -114    | -76      | -52     | -34   | -37           | 50        | -40   |
| 18    | -116 l  | -76      | -52     | -40   | -39           | 50        | -40   |
| 19    | -116    | -76      | -56 l   | -40   | -39           | 50        | -40   |
| 20    | -116    | -76      | -56     | -31   | -42           | 50        | -40   |
| 21    | -116    | -76      | -54     | -21 l | -42 l         | 50        | -40   |
| 22    | -114    | -76      | -54     | -21   | -42           | 50        | -40   |
| 23    | -114    | -76 l    | -54     | -21   | -42           | 50        | -40   |
| 24    | -114    | -76      | -50     | -21   | -42           | 50        | -40   |
| 25    | -114    | -76      | -48     | -21   | -42           | 50        | -40   |
| 26    | -114    | -76      | -50     | -21   | -44           | 50        | -40   |
| 27    | -114    | -76      | -50     | -23   | -44           | 50        | -40   |
| 28    | -114    | -76      | -50     | -28   | -44           | 50        | -40   |
| 29    | -114    | -76      | -50     | -23   | -44           | 50        | -40   |
| 30    | -114    | -76      | -50     | -23   | -44           | 50        | -40   |
| 31    | -114 l  | -76 l    | -50 l   | -23 l | -44 l         | 50        | -40   |
| Σ     | -3512   | -2334    | -1620   | -945  | -1214         | 1430      | -1240 |
| Sred. | -113.3  | -75.3    | -52.3   | -30.5 | -39.2         | 46.1      | -40.0 |

Radymno: Śnieg d. 18, 19, 24 i 26; deszcz i śnieg d. 14.

Jarosław: Śnieg d. 18, 19, 24 i 26; deszcz i śnieg d. 14.

Nisko: Deszcz d. 4; śnieg d. 12, 15, 17, 18, 19, 24, 25, 27 i 28.

Majdan Zbydn.: Deszcz d. 4; śnieg d. 14, 17, 18, 19, 22, 26, 27, 28 i 29.

Stryj: Deszcz d. 8; śnieg d. 14 i 18.

## Grudzień 1937.

| Dzień | Prut      | D n i e s t r |          |       |        |         |             |
|-------|-----------|---------------|----------|-------|--------|---------|-------------|
|       | Koło-myja | Radłowice     | Rozwadów | Siwka | Halicz | Niżniów | Zaleszczyki |
| 1     | -30       | -10           | -10      | -33   | + 20   | + 32    | + 3         |
| 2     | -30       | -10           | -10      | -33   | 20     | 32      | 3           |
| 3     | -20       | -10           | -10      | -33   | 20     | 34      | 2           |
| 4     | -10       | + 5           | -10      | -33   | 20     | 36      | 2           |
| 5     | -10       | 10            | -10      | -33   | 20     | 36      | 1           |
| 6     | -20       | 10            | -10      | -33   | 20     | 38      | 1           |
| 7     | -20       | 10            | -10      | -33   | 20     | 38      | 5           |
| 8     | -25       | 10            | -10      | -33   | 20     | 38      | 5           |
| 9     | -30 l     | 10            | -10      | -33   | 20     | 36      | 1           |
| 10    | -30       | 10            | -10      | -33   | 20     | 35      | 0           |
| 11    | -30       | 10            | -10      | -33   | 10     | 35      | 0           |
| 12    | -30       | 10            | -10      | -34   | 10     | 34      | 0           |
| 13    | -30       | 10            | -10      | -34   | 10     | 32      | 0           |
| 14    | -30       | 10            | -10      | -34   | 10     | 30      | 0           |
| 15    | -30       | 10            | -10      | -35   | 10     | 30      | -3          |
| 16    | -35       | 10            | -10      | -35   | 10     | 30      | -3          |
| 17    | -30       | 10            | -10      | -25 l | 10     | 29      | -5          |
| 18    | -30       | 10            | -10      | -25   | 10     | 29      | -5          |
| 19    | -30       | 5             | -10      | -25   | 10     | 29      | -2          |
| 20    | -30       | 0 l           | -10 l    | -25   | 10 l   | 40      | + 12        |
| 21    | -30       | 0             | -10      | -25   | 10     | 40 l    | 7           |
| 22    | -30       | 0             | -10      | -25   | 10     | 40      | 5           |
| 23    | -30       | 0             | -10      | -25   | 10     | 40      | -2          |
| 24    | -30       | 0             | -10      | -25   | 10     | 35      | + 6         |
| 25    | -30       | 0             | -10      | -25   | 10     | 35      | 7           |
| 26    | -30       | 0             | -10      | -25   | 10     | 30      | 15          |
| 27    | -30       | 0             | -10      | -25   | 10     | 30      | 20          |
| 28    | -30       | 0             | -10      | -25   | 10     | 30      | 22          |
| 29    | -30       | 0             | -10      | -25   | 10     | 30      | 22          |
| 30    | -30       | 0             | -10      | -25   | 10     | 30      | 28          |
| 31    | -30 l     | 0 l           | -10 l    | -25 l | 10 l   | 30 l    | 27          |
| Σ     | -855      | 120           | -310     | -907  | 410    | 1043    | 186         |
| Sred. | -27.6     | 3.9           | -10.0    | -29.3 | 13.2   | 33.6    | 6.0         |

Rozwadów: Śnieg d. 15, 19, 26 i 27.

Halicz: Deszcz d. 2 i 3; śnieg d. 15, 18, 19, 27 i 29.

Niżniów: Deszcz d. 2; śnieg d. 15, 19 i 27.



## Spostrzeżenia fitofenologiczne z r. 1877.

## I. Z Krzeszowic, Bięcza i Stanisławowa.

Spostrzeżenia te nadesłali Komisyi: z Krzeszowic JP. EDWARD MAJEWSKI nauczyciel miejscowy, z Bięcza JP. ANTONI KOTOWICZ lekarz miejscowy, ze Stanisławowa JP. MARVAN ŁOMNICKI profesor gimnazjalny i JP. HENRYK WIELOWIEJSKI.

W tablicy następującej głoska (l) znaczy listnienie, (k) kwitnienie, (d) dojrzewanie owocu, (o) opadanie liści; liczba pierwsza oznacza dzień, druga miesiąc.

## a) Rośliny trwałe.

| Rośliny                                  | Krzeszowice                          | Bięcza                       | Stanisławów                | Rośliny                                      | Krzeszowice                           | Bięcza                         | Stanisławów                    |
|--|--------------------------------------|------------------------------|----------------------------|--|---------------------------------------|--------------------------------|--------------------------------|
| Agrest<br><i>Ribes Grossularia</i>       | l 1 4<br>k 13 4<br>d 15 7<br>o 23 10 | 30 3<br>1 4<br>15 7<br>14 10 | 19 4<br>24 4<br>21 7<br>—  | Czarnoklon<br><i>Acer campestre</i>          | l 10 5<br>k 31 5<br>d —<br>o 3 11     | 24 5<br>—<br>—<br>25 10        | —<br>—<br>—<br>—               |
| Akacja<br><i>Robinia Pseudacacia</i>     | l 2 4<br>k 3 6<br>d —<br>o 24 10     | 25 5<br>—<br>25 10<br>—      | 5 6<br>8 6<br>—<br>16 10   | Czeremcha<br><i>Prunus Padus</i>             | l 8 5<br>k 10 5<br>d 10 7<br>o 23 10  | 8 4<br>9 5<br>—<br>—           | 14 5<br>13 5<br>10 7<br>—      |
| Bez czarny<br><i>Sambucus nigra</i>      | l 9 4<br>k 21 5<br>d —<br>o 29 10    | 8 4<br>13 6<br>2 9<br>25 10  | 4 4<br>16 6<br>20 8<br>—   | Dąb szypułkowy<br><i>Quercus pedunculata</i> | l 25 5<br>k 3 6<br>d 10 10<br>o 10 11 | —<br>—<br>—<br>—               | 27 5<br>27 5<br>20 10<br>20 10 |
| Bez koralowy<br><i>Sambucus racemosa</i> | l 9 4<br>k 21 5<br>d —<br>o 29 10    | —<br>26 7<br>—<br>—          | —<br>—<br>—<br>—           | Dąb zwyczajny<br><i>Quercus sessiliflora</i> | l 25 5<br>k 3 6<br>d 11 10<br>o 10 11 | 28 5<br>30 5<br>10 10<br>28 10 | —<br>—<br>—<br>—               |
| Bez turecki<br><i>Syringa vulgaris</i>   | l 9 4<br>k 21 5<br>d —<br>o 29 10    | 11 4<br>21 5<br>—<br>—       | 25 4<br>23 5<br>—<br>30 10 | Dereń świdwa<br><i>Cornus sanguinea</i>      | l 10 4<br>k 22 5<br>d 20 9<br>o 3 11  | —<br>—<br>—<br>—               | —<br>6 6<br>—<br>—             |
| Brzoza biała<br><i>Betula alba</i>       | l 10 5<br>k 25 5<br>d —<br>o 3 11    | 29 4<br>3 5<br>—<br>28 10    | 12 5<br>10 5<br>—<br>1 11  | Głóg biały<br><i>Crataegus Oxyacantha</i>    | l 29 4<br>k 11 6<br>d 1 10<br>o 6 11  | 15 4<br>30 5<br>15 9<br>21 10  | 10 5<br>9 6<br>—<br>—          |
| Buk<br><i>Fagus sylvatica</i>            | l 3 5<br>k 13 5<br>d 16 10<br>o 3 11 | —<br>—<br>—<br>—             | —<br>—<br>—<br>—           | Grab<br><i>Carpinus Betulus</i>              | l 10 5<br>k 28 7<br>d 15 9<br>o 3 11  | 28 4<br>—<br>—<br>25 10        | 12 5<br>16 5<br>—<br>—         |
| Chmiel<br><i>Humulus Lupulus</i>         | l 4 5<br>k 30 6<br>d 20 8<br>o 28 10 | —<br>—<br>—<br>—             | —<br>—<br>—<br>—           | Grusza<br><i>Pyrus communis</i>              | l 8 5<br>k 13 5<br>d 30 8<br>o 25 10  | 29 4<br>12 5<br>18 8<br>10 10  | 7 5<br>12 5<br>18 8<br>—       |

| Rośliny  | Krzeszowice                           | Bięcza                        | Stanisławów                   | Rośliny                                       | Krzeszowice                           | Bięcza                        | Stanisławów                  |
|--|---------------------------------------|-------------------------------|-------------------------------|---|---------------------------------------|-------------------------------|------------------------------|
| Iwa<br><i>Salix Caprea</i>                     | l 10 4<br>k 4 5<br>d —<br>o 20 11     | 30 4<br>8 4<br>—<br>—         | —<br>14 4<br>—<br>—           | Leszczyna<br><i>Corylus Avelana</i>           | l 30 4<br>k 24 4<br>d 1 9<br>o 3 11   | 27 4<br>12 3<br>20 8<br>27 10 | 7 5<br>25 3<br>10 9<br>20 10 |
| Jabłoń<br><i>Pyrus Malus</i>                   | l 8 5<br>k 13 5<br>d 31 8<br>o 3 11   | 29 4<br>16 5<br>8 9<br>26 10  | 10 5<br>15 5<br>20 8<br>16 10 | Lipa drobnolistna<br><i>Tilia parvifolia</i>  | l 4 5<br>k 16 7<br>d 10 9<br>o 3 11   | 10 5<br>10 7<br>6 10<br>14 10 | —<br>—<br>—<br>—             |
| Jałowiec<br><i>Juniperus communis</i>          | l 22 5<br>k 15 5<br>d 18 10<br>o 26 5 | 26 5<br>8 6<br>—<br>25 10     | —<br>—<br>—<br>—              | Lipa wielkolistna<br><i>Tilia grandifolia</i> | l 4 5<br>k 16 7<br>d 10 9<br>o 3 11   | —<br>—<br>—<br>—              | 12 5<br>2 7<br>—<br>10 10    |
| Jarząb pospolity<br><i>Sorbus aucuparia</i>    | l 15 4<br>k 24 5<br>d 21 9<br>o 3 11  | 26 4<br>30 5<br>6 8<br>6 10   | —<br>—<br>—<br>—              | Malina<br><i>Rubus idaeus</i>                 | l 21 4<br>k 4 6<br>d 22 7<br>o 29 10  | 6 4<br>8 6<br>18 7<br>24 10   | —<br>—<br>—<br>—             |
| Jaśmin<br><i>Philadelphus coronarius</i>       | l 5 6<br>k 14 6<br>d —<br>o 8 11      | 14 4<br>10 6<br>—<br>—        | —<br>11 6<br>5 7<br>—         | Modrzew<br><i>Larix decidua</i>               | l 2 5<br>k 30 6<br>d 28 9<br>o 4 11   | 8 4<br>—<br>—<br>20 10        | —<br>—<br>—<br>—             |
| Jawór<br><i>Acer Pseudoplatanus</i>            | l 4 5<br>k 13 5<br>d 24 9<br>o 23 10  | 16 5<br>—<br>—<br>21 10       | —<br>—<br>—<br>—              | Orzech włoski<br><i>Juglans regia</i>         | l 27 5<br>k 4 6<br>d 26 9<br>o 20 10  | —<br>—<br>—<br>—              | 7 5<br>—<br>—<br>—           |
| Jesion<br><i>Fraxinus excelsior</i>            | l 26 5<br>k 30 6<br>d 31 7<br>o 3 11  | —<br>—<br>—<br>—              | 19 5<br>3 5<br>—<br>16 10     | Osika<br><i>Populus tremula</i>               | l 10 5<br>k 17 5<br>d 20 9<br>o 4 11  | —<br>—<br>—<br>—              | 26 5<br>—<br>—<br>—          |
| Jodła<br><i>Pinus Abies</i>                    | l 26 5<br>k 26 5<br>d 30 9<br>o 26 5  | —<br>—<br>—<br>—              | —<br>—<br>—<br>—              | Ostreżyna<br><i>Rubus cacasius</i>            | l 21 5<br>k 10 6<br>d 31 8<br>o 24 10 | —<br>—<br>—<br>—              | —<br>—<br>—<br>—             |
| Kalina<br><i>Viburnum Opulus</i>               | l 9 4<br>k 15 5<br>d 28 7<br>o 3 11   | —<br>—<br>—<br>—              | —<br>6 6<br>—<br>—            | Porzeczka<br><i>Ribes rubrum</i>              | l 14 4<br>k 12 5<br>d 16 7<br>o 23 10 | 13 4<br>8 5<br>26 7<br>30 10  | 15 4<br>13 5<br>8 7<br>—     |
| Kasztan dziki<br><i>Aesculus Hippocastanum</i> | l 29 4<br>k 13 5<br>d 1 10<br>o 29 10 | 28 4<br>31 5<br>1 10<br>18 10 | 14 5<br>26 5<br>10 9<br>4 10  | Róża dzika<br><i>Rosa canina</i>              | l 14 4<br>k 15 6<br>d —<br>o 3 11     | 25 4<br>11 6<br>8 9<br>22 10  | —<br>13 6<br>—<br>—          |
| Klon zwyczajny<br><i>Acer platanoides</i>      | l 3 6<br>k 6 7<br>d 26 9<br>o 3 11    | —<br>—<br>—<br>—              | 20 5<br>20 5<br>—<br>—        | Róża ogrodowa<br><i>Rosa centifolia</i>       | l 2 4<br>k 20 4<br>d —<br>o 10 11     | 10 5<br>20 6<br>—<br>—        | —<br>—<br>—<br>—             |



| Rośliny             |   | Krzeszowice | Bięcz | Stanisławów | Rośliny           |   | Krzeszowice | Bięcz | Stanisławów |
|---------------------|---|-------------|-------|-------------|-------------------|---|-------------|-------|-------------|
| Śliwa               | l | 6 5         | 8 5   | 17 5        | Trześń            | l | 20 5        | 30 4  | 14 5        |
| <i>Prunus do-</i>   | k | 12 5        | 15 5  | 13 5        | <i>Prunus</i>     | k | 12 5        | 11 5  | 10 5        |
| <i>mestica</i>      | d | 22 9        | 15 9  | 5 9         | <i>avium</i>      | d | 15 7        | 10 7  | 8 7         |
|                     | o | 27 10       | 6 10  | 1 11        |                   | o | 23 10       | —     | —           |
| Sosna               | l | 26 5        | 1 6   | —           | Wiąz pospo-       | l | 20 6        | —     | —           |
| <i>Pinus silve-</i> | k | 26 5        | —     | —           | <i>lity</i>       | k | 18 7        | —     | —           |
| <i>stris</i>        | d | 30 9        | —     | —           | <i>Ulmus cam-</i> | d | 24 8        | —     | —           |
|                     | o | 26 5        | 15 10 | —           | <i>pestris</i>    | o | 4 11        | —     | —           |
| Świérk              | l | 26 5        | —     | —           | Wiciokrzew        | l | 10 4        | 15 4  | —           |
| <i>Pinus Picea</i>  | k | 26 5        | —     | —           | <i>Lonicera</i>   | k | 27 5        | 18 5  | 20 5        |
|                     | d | 30 9        | —     | —           | <i>Xylosteum</i>  | d | 24 7        | 20 7  | —           |
|                     | o | 26 5        | —     | —           |                   | o | 20 10       | 28 10 | —           |
| Tarnina             | l | 27 5        | 6 5   | 12 5        | Wiśnia            | l | 4 5         | —     | 7 5         |
| <i>Prunus spi-</i>  | k | 9 5         | 8 5   | 10 5        | <i>Prunus Ce-</i> | k | 12 5        | —     | 16 5        |
| <i>nosa</i>         | d | 20 11       | 30 8  | 10 9        | <i>rassus</i>     | d | 16 7        | —     | 8 7         |
|                     | o | 20 10       | 27 10 | 1 11        |                   | o | 4 11        | —     | —           |
| Topola czar-        | l | 20 5        | —     | —           |                   |   |             |       |             |
| <i>na</i>           | k | 26 5        | —     | —           |                   |   |             |       |             |
| <i>Populus</i>      | d | 26 9        | —     | —           |                   |   |             |       |             |
| <i>nigra</i>        | o | 3 11        | —     | —           |                   |   |             |       |             |

## b) Rośliny jednoroczne

tudzież reszta zauważanych roślin.

W Krzeszowicach: *Borówka* l. 13 IV, k. 8 V, d. 9 VII, o. 20 XI; *Brusznica* l. 15 IV, k. 10 V, d. 7 IX, o. 20 XI; *Groch* l. 10 IV, k. 9 VII, d. 21 IX; *Jęczmień jary* l. 4 IV, k. 30 VI, d. 6 VIII; *Koniczyna czerwona* l. 24 IV, k. 13 V, d. 31 VIII; *Konopie pospolite* l. 20 VI, k. 30 VII, d. 7 IX; *Ligusterek* l. 1 V, k. 1 V, d. 28 IX, o. 1 V; *Marchew pospolita* l. 1 IV, k. 21 IV, d. 7 IX; *Morwa biała* l. 1 VI, k. 12 VI, d. 16 VII, o. 23 X; *Olsza czarna* l. 14 V, k. 17 VI, d. 20 X, o. 3 XI; *Owies siewny* l. 12 IV, k. 6 VII, d. 31 VIII; *Pszenica jara* l. 24 IV, k. 4 VII, d. 15 VIII; *Pszenica ozima* l. 7 X, k. 1 VII, d. 20 VII; *Wierzba migdałolistna* l. 12 IV, k. 23 V, d. 15 VII, o. 24 X; *Wierzba płacząca* l. 29 IV, k. 4 VI, d. 24 VIII, o. 24 X; *Ziemniak* l. 20 V, k. 2 VII, d. 21 IX; *Żyto jare* l. 15 IV, k. 30 VI, d. 4 VIII; *Żyto ozime* l. 15 IX, k. 18 VI, d. 31 VII.



W Bięczu: *Jęczmień jary* siany 5 V, kielkował 13 V, kwitł 8 VII, dojrzał 28 VIII; *Owies siewny* siany 28 IV, kielkował 2 V, dojrzał 20 VIII; *Pszenica ozima* siana 14 IX, kielkowała 26 IX, kwitła 18 VI, kłosowała 16 VI, dojrzała 5 VIII; *Ziemniak* sadzony 5 V, kielkował 19 V, dojrzał 2 VII; *Żyto ozime* siane 20 IX, kielkowało 25 IX, kwitło 4 VI, kłosowało 18 V, dojrzało 21 VII; *Hepatica triloba* k. 23 III; *Caltha palustris* k. 31 III; *Ficaria ranunculoides* k. 8 IV; *Leontodon taraxacum* k. 28 IV, d. 30 V; *Primula elatior* k. 30 III, d. 22 VI; *Primula officinalis* k. 20 IV, d. 30 VI; *Scilla bifolia* k. 30 IV; *Tussilago farfara* k. 26 III, d. 28 IV; *Viola odorata* k. 28 III, d. 20 VI.

W Stanisławowie:\*) *Alnus glutinosa* 24 III, k<sup>2</sup>, 15 IV 1<sup>1</sup>, 8 V 1<sup>2</sup>, 29 V 1<sup>3</sup>; *Fragaria vesca* 29 III 1<sup>3</sup>, 12 V k<sup>1</sup>, 20 V k<sup>2</sup>, 23 VII k<sup>3</sup>; 13 VI d<sup>1</sup>, 6 VII d<sup>2</sup>, 25 VIII d<sup>3</sup>; *Bellis perennis* 24 III 1<sup>3</sup> i k<sup>2</sup>; *Populus pyramidalis* 22 IV k<sup>1</sup>, 12 V 1<sup>1</sup>, 16 VI 2<sup>2</sup>, 27 V 1<sup>3</sup>, 20 X—9 XI 1<sup>4</sup>; *Primula officinalis* 26 IV k<sup>1</sup>, 10 V k<sup>2</sup>, 20 V k<sup>3</sup>, 29 V d<sup>0</sup>, 6 VII d<sup>1</sup>, 18 VII d<sup>2</sup>; *Taraxacum officinale* 6 V k<sup>2</sup>, 12 V k<sup>3</sup>, 4 VI d<sup>2</sup> i d<sup>3</sup>; *Viola odorata* 24 III k<sup>0</sup>, 10 IV k<sup>1</sup>, 15 IV—8 V k<sup>2</sup>, 20 V k<sup>3</sup>; *Lycium barbarum* 15 IV 1<sup>1</sup>, 10 V 1<sup>2</sup>, 17 V 1<sup>3</sup>, 17 V k<sup>0</sup>, 29 V k<sup>2</sup>, 2 VI k<sup>3</sup>; *Solanum tuberosum* 5 VI 1<sup>2</sup>, 9 VI 1<sup>3</sup>, 5 VII k<sup>1</sup>; *Barbarea vulgaris* 7 V k<sup>1</sup>, 16 V k<sup>2</sup>, 8 VI k<sup>3</sup>, 13 VI d<sup>0</sup>, 23 VII d<sup>2</sup>; *Cupsella bursa pastoris* 27 III k<sup>2</sup>, 8 V d<sup>0</sup>; *Scilla bifolia* 28 III k<sup>2</sup>, 29 IV k<sup>3</sup>; *Helleborus purpurascens* 28 III k<sup>1</sup>; *Hepatica triloba* 28 III k<sup>2</sup>, 9 IV k<sup>3</sup>; *Tussilago farfara* 5 IV k<sup>2</sup>, 13 V k<sup>3</sup> i 1<sup>3</sup>, 20 V d<sup>1</sup>; *Draba verna* 27 IV 1<sup>3</sup>, k<sup>2</sup> i d<sup>0</sup>, 17 V d<sup>1</sup>, 20 V d<sup>2</sup>, 26 V k<sup>3</sup> i d<sup>3</sup>; *Ficaria ranunculoides* 28 IV—8 V k<sup>2</sup>; *Viola odorata* (odmiana biała) 28 IV k<sup>2</sup>; *Fritillaria imperialis* (w ogrodzie) 5 V 1<sup>3</sup> i k<sup>1</sup>, 15 V k<sup>2</sup>; *Vinca minor* 5 V—25 V k<sup>2</sup>; *Primula auricula* (w ogrodzie) 7 V—25 V k<sup>2</sup>; *Amygdalus rosea* 7 V k<sup>1</sup> i 1<sup>2</sup>, 12 V k<sup>2</sup> i 1<sup>3</sup>, 20 V—23 V k<sup>3</sup>; *Muscari racemosum* 7 V 1<sup>3</sup> i k<sup>2</sup>; *Caltha palustris* 8 V—13 V k<sup>2</sup>, 22 V d<sup>0</sup>, 10 VII d<sup>2</sup>; *Cardamine pratensis* 8 V—13 V k<sup>2</sup>; *Senecio vernalis* 1 V k<sup>2</sup>, 9 VI—27 VI k<sup>3</sup>; *Viburnum lantana* 12 V 1<sup>3</sup>, 13 V k<sup>1</sup>, 16 V k<sup>2</sup>, 29 V k<sup>3</sup> i d<sup>0</sup>; *Berberis vulgaris* 12 V 1<sup>3</sup> i k<sup>0</sup>, 29 V k<sup>2</sup>, 29 VI d<sup>0</sup>, 1 IX—20 X d<sup>2</sup>; *Thlaspi arvense* 6 V k<sup>2</sup>, 13 V d<sup>0</sup>, 15 VI d<sup>1</sup>; *Arabis Thaliana* L. 13 V k<sup>2</sup> i d<sup>0</sup>, 29 V d<sup>1</sup>; *Chenopodium bonus Henricus* 19 V k<sup>2</sup>; *Lamium album* 8 V k<sup>1</sup>, 19 V—23 V k<sup>2</sup>, 22 VI k<sup>3</sup>; *Pulmonaria officinalis* 12 IV k<sup>1</sup>, 10 V k<sup>2</sup>, 19 V—29 V k<sup>3</sup>; *Orobis vernus* 10 V k<sup>2</sup>, 20 V k<sup>3</sup> i d<sup>0</sup>, 29 V d<sup>1</sup>; *Galeobdolon luteum* 20 V k<sup>2</sup>, 29 V k<sup>3</sup>; *Scleranthus annuus* 13 V—20 V k<sup>2</sup>; *Ajuga reptans* 20 V k<sup>1</sup>, 26 V k<sup>2</sup>, 16 VI k<sup>3</sup>; *Melandrium silvestre* 20 V—29 V k<sup>2</sup>; *Veronica serpyllifolia* 20 V k<sup>2</sup>; *Brassica campestris* 20 V k<sup>2</sup>, 19 VI d<sup>0</sup>, 27 VI d<sup>1</sup>; *Melica nutans* 20 V k<sup>2</sup>; *Aposeris foetida* 20 V k<sup>2</sup>; *Lamium maculatum* 20 V k<sup>2</sup>, 9 VI k<sup>3</sup>; *Geranium*

\*) Wykładniki przy głoskach: 1, k, d, o, oznaczają: 1, początek, 2. środek czyli porę pełną, 3. koniec zjawiska; zob. koniec tego ustępu.



*phaeum* 20 V k<sup>2</sup>; *Geranium Robertianum* 20 V k<sup>2</sup>; *Erysimum cheiranthoides* 20 V k<sup>2</sup>; *Polystichum filisimas* 20 V jeszcze są kupki owocowe zielone i łuski na liściach; *Euphorbia helioscopia* 20 V k<sup>2</sup>; *Orchis Morio* 20 V k<sup>2</sup>; *Stellaria Holostea* 11 V k<sup>2</sup>; *Viola cyanea* 20 V k<sup>2</sup>; *Anthoxanthium odoratum* 20 V k<sup>2</sup>, 22 VI d<sup>2</sup> i d<sup>3</sup>; *Cerastium arvense* 20 V k<sup>2</sup>; *Symphytum officinale* 21 V—10 VII k<sup>2</sup>; *Alchemilla vulgaris* 21 V k<sup>2</sup>; *Plantago lanceolata* 21 V k<sup>2</sup>; *Cardamine amara* 21 V k<sup>2</sup>; *Euphorbia esula* 21 V k<sup>2</sup>, 19 VI d<sup>0</sup>; *Galium cruciatum* 26 V k<sup>2</sup>, 10 VII k<sup>3</sup>; *Scorzonera austriaca* 26 V k<sup>2</sup>, 22 VI d<sup>2</sup> i d<sup>3</sup>; *Gnaphalium arvense* 26 V k<sup>2</sup>, 22 VI k<sup>3</sup>; *Convallaria majalis* 19 V k<sup>0</sup>, 26 V k<sup>2</sup>; *Equisetum limosum* 29 V d<sup>2</sup>; *Actae spicata* 29 V k<sup>2</sup>; *Evonymus verrucosus* 18 V k<sup>1</sup>, 29 V k<sup>2</sup>; *Veronica beccabunga* 29 V k<sup>2</sup>, 6 VII k<sup>3</sup>; *Glechoma hederacea* 7 V k<sup>2</sup>; *Alsine media* 7 V k<sup>3</sup>, 9 VI k<sup>3</sup>; *Lamium purpureum* 15 IV k<sup>2</sup>, 30 VI k<sup>3</sup>; *Veronica agrestis* 7 V k<sup>2</sup> i d<sup>0</sup>; *Silene nutans* 27 V k<sup>2</sup>; *Sysimbrium Sophia* 29 V k<sup>2</sup>; *Lepidium ruderae* 29 V k<sup>2</sup>, 11 VI k<sup>3</sup> i d<sup>0</sup>; *Cerinthe minor* 29 V k<sup>2</sup>; *Alliaria officinalis* 30 V k<sup>2</sup>, k<sup>3</sup> i d<sup>0</sup>; *Silene noctiflora* 30 V k<sup>2</sup>; *Anchusa officinalis* 30 V k<sup>2</sup>, 22 VI d<sup>0</sup>; *Cochlearia Armoracia* 30 V k<sup>2</sup>; *Fumaria officinalis* 30 V k<sup>2</sup>; *Lychnis flos cuculi* 4 VI k<sup>2</sup>, 19 VI—30 VI k<sup>3</sup>; *Camelina sativa* 30 V k<sup>3</sup> i d<sup>0</sup>; *Ranunculus flammula* 30 V k<sup>2</sup>; *Aquilegia vulgaris* 6 VI k<sup>2</sup> i d<sup>0</sup>; *Solanum dulcamara* 30 V k<sup>2</sup>; *Diplotaxis muralis* 8 VI k<sup>2</sup>, 28 VI k<sup>3</sup> i d<sup>0</sup>; *Geum urbanum* 9 VI k<sup>2</sup>, 10 VII d<sup>0</sup>; *Secale cereale* 9 VI k<sup>1</sup> i k<sup>2</sup>, 13 VI k<sup>3</sup>; *Galium silvaticum* 29 V k<sup>2</sup>, 9 VI k<sup>3</sup>; *Paris quadrifolia* 9 VI d<sup>2</sup>; *Platanthera bifolia* 9 VI k<sup>2</sup>; *Salvia pratensis* 9 VI k<sup>2</sup>; *Stellaria graminea* 9 VI k<sup>2</sup>, 6 VII k<sup>3</sup>; *Lychnis viscaria* 9 VI k<sup>2</sup>; *Vicia faba* 9 VI k<sup>2</sup>; *Calla palustris* 10 VI k<sup>2</sup>; *Myosotis palustris* 10 VI k<sup>2</sup>, 10 VII k<sup>2</sup>; *Ranunculus bulbosus* 10 VI k<sup>2</sup>; *Myosotis avenaria* 11 VI k<sup>2</sup>, k<sup>3</sup> i d<sup>0</sup>; *Ranunculus acris* 11 VI k<sup>2</sup>, 19 VI d<sup>0</sup>; *Rhinanthus major* 11 VI k<sup>2</sup>, 22 VI k<sup>2-3</sup>, d<sup>0</sup>, 28 VI k<sup>2-3</sup>, 10 VII jeszcze kwitnie; *Bunias orientalis* 11-18 VI k<sup>2</sup> d<sup>0</sup>; *Ranunculus repens* 20 V k<sup>2</sup>, 11 VI d<sup>0</sup>; *Campanula patula* 9 VI k<sup>2</sup>; *Veronica officinalis* 29 V k<sup>2</sup>, 22 VI k<sup>3</sup>; *Euphorbia stricta* 16 VI k<sup>2</sup>; *Orchis coriophora* 16 VI k<sup>2</sup>; *Convallaria Polygonatum* 26 V k<sup>2</sup>, 22 VI d<sup>0</sup>; *Achillea millefolium* 22 VI k<sup>2</sup>; *Gymnadenia conopsea* 16 VI k<sup>2</sup>; *Orchis maculata* 16 VI k<sup>2</sup>; *Pyrolia rotundifolia* 16 VI k<sup>2</sup>; *Lathyrus (Orobus) niger* 16 VI k<sup>2</sup>; *Polygonum bistorta* 16 VI k<sup>2</sup>; *Lathyrus pratensis* 16 VI k<sup>2</sup>; *Thalictrum aquilegifolium* 16 VI k<sup>2</sup>; *Ervum cassubicum* 16 VI k<sup>2</sup>; *Briza media* 16 VI k<sup>1</sup>, 22 VI k<sup>2</sup>; *Melampyrum nemorosum* 16 VI k<sup>2</sup>; *Campanula persicifolia* 16 VI k<sup>2</sup>; *Sedum acre* 17 VI k<sup>2</sup>; *Coronilla varia* 19 VI k<sup>2</sup>; *Spiraea filipendula* 19 VI k<sup>2</sup>, 10 VII d<sup>0</sup>; *Vicia sativa* 19 VI k<sup>3</sup> i d<sup>0</sup>; *Bertheroa incana* 22 VI k<sup>2</sup>, 29 VI d<sup>0</sup>; *Hypericum perforatum* 22 VI k<sup>2</sup>; *Cynosurus cristatus* 22 VI k<sup>2</sup>; *Euphrasia officinalis* 22 VI k<sup>2</sup>; *Chrysanthemum leucanthemum* 22 VI k<sup>2</sup>; *Gladiolus communis* 22 VI k<sup>2</sup>; *Trifolium pannonicum* 22 VI k<sup>2</sup>; *Tormentilla recta* 22 VI k<sup>2</sup>; *Anagallis arvensis* 22 VI k<sup>3</sup>; *Leonurus Cardiaca* 22 VI k<sup>2</sup>; *Trifolium pratense*



22 VI k<sup>2</sup>; *Lysimachia vulgaris*; *Lysimachia nummularia* 22 VI—6 VII k<sup>2</sup>; *Linaria vulgaris* 22 VI k<sup>2</sup>; *Triticum vulgare* 22 VI—7 VII k<sup>2</sup>; *Lythrum salicaria* 27 VI k<sup>2</sup>; *Pisum sativum* 27 VI k<sup>2</sup>; *Stachys palustris* 27 VI k<sup>1</sup>, 5 VII k<sup>2</sup>; *Galium verum* 18 VI k<sup>1</sup>, 6 VII k<sup>2</sup>; *Evonymus europaeus* 22 VI d<sup>0</sup>; *Spiraea salicifolia* 28 VI k<sup>2</sup>; *Spiraea sorbifolia* 28 VI k<sup>0</sup> i k<sup>1</sup>; *Rubus fruticosus* 28 VI k<sup>3</sup>; *Plantago major* 29 VI k<sup>2</sup> i d<sup>0</sup>, 6 VII k<sup>3</sup>; *Agrostis vulgaris* 28 VI k<sup>2</sup>; *Agrostemma Githago* 28 VI k<sup>2</sup>; *Erigeron acre* 28 VI k<sup>2</sup>; *Chelidonium majus* 28 VI k<sup>2</sup> i d<sup>0</sup>; *Trifolium minus* 21 V k<sup>2</sup>, 28 VI k<sup>3</sup> i d<sup>0</sup>; *Centaurea cyanus* 9 VI—23 VII k<sup>2</sup>; *Clematis Vitalba* 29 VI k<sup>2</sup>; *Astragalus Cicer* 29 VI k<sup>2</sup>; *Salvia verticillata* 29 VI k<sup>2</sup>; *Cynoglossum officinale* 29 VI d<sup>0</sup>, 10 VII d<sup>1</sup>; *Saponaria officinalis* 29 VI k<sup>2</sup>, 6 VII k<sup>3</sup>; *Alisma Plantago* 29 VI k<sup>2</sup>; *Fagopyrum esculentum* 29 VI k<sup>2</sup>; *Trifolium arvense* 29 VI k<sup>2</sup>; *Erigeron canadense* 30 VI k<sup>2</sup>; *Clinopodium vulgare* 30 VI k<sup>2</sup>; *Origanum vulgare* 2 VII k<sup>1</sup>, 5 VII k<sup>2</sup>; *Sinapis arvensis* 9 VI k<sup>2</sup>, 5 VII k<sup>3</sup> i d<sup>0</sup>; *Galeopsis tethabit* 6 VII k<sup>2</sup>; *Melilotus officinalis* 6 VII k<sup>2</sup>; *Hyoscyamus niger* 6 VII k<sup>2</sup>; *Astragalus glycyphyllos* 6 VII k<sup>2</sup>; *Campanula sibirica* 6 VII k<sup>2</sup>, 20 X k<sup>3</sup>; *Anthriscus silvestris* 6 VII k<sup>2</sup> i d<sup>0</sup>, 10 VII k<sup>3</sup> i d<sup>1</sup>; *Stachys silvatica* 6 VII k<sup>2</sup>; *Campanula conglomerata* 6 VII k<sup>2</sup>; *Astrantia major* 29 VI k<sup>1</sup>, 6 VII k<sup>2</sup>; *Myricaria germanica* 10 VII k<sup>3</sup>; *Convulvulus major* 10 VII k<sup>2</sup>; *Carduus crispus* 10 VII k<sup>2</sup>; *Oenothera biennis* 10 VII k<sup>2</sup>; *Valeriana officinalis* 10 VII k<sup>2</sup>; *Agrimonia Eupatoria* 10 VII k<sup>2</sup> i d<sup>0</sup>, 20 X d<sup>2</sup>; *Verbascum Thapsus* 10 VII k<sup>2</sup>; *Linaria minor* 10 VII k<sup>2</sup> i k<sup>3</sup>; *Galanthus nivalis* 18 III k<sup>1</sup>, 9 IV k<sup>3</sup>; *Lemojum vernum* 22 III k<sup>1</sup>; *Anemone nemorosa* 14 IV k<sup>1</sup>, 29 IV k<sup>2</sup>, 10 V k<sup>3</sup>; *Iris pseudacorus* 5 VI k<sup>2</sup>; l<sup>1</sup> = liść zaczynający się rozwijać; l<sup>2</sup> = liść w połowie rozwoju; l<sup>3</sup> = liść zupełny; l<sup>4</sup> = opadanie liści; k<sup>0</sup> = kwiat w pączkach; k<sup>1</sup> = kwiat w połowie rozwoju; k<sup>2</sup> = kwiat zupełny; k<sup>3</sup> = opadanie kwiatu, d<sup>0</sup> = ukazanie się owocu, d<sup>1</sup> = owoc na pół dojrzały, d<sup>2</sup> = owoc dojrzały; d<sup>3</sup> = opadanie owocu.

## 2. Zapiski fenologiczne poczynione w r. 1877.

### a) W Poroninie przez JX. ROSZKA.

W Kwietniu d. 9 pokazały się pierwsze kwiaty na podbiale i stokrótce polnej; d. 10 zakwitł fiołek ogrodowy i bratki ogrodowe, które już przedtem w pierwszej połowie Stycznia kwitły; tegoż dnia pierwszy zasiew owsa w miejscach do słońca położonych i pierwsze sadzenie ziemniaków; d. 29 zakwitł pierwszy pierwiosnek.

W Maju d. 11 rozwija się wierzba i modrzew, na jaskrze błotnym pokazują się pierwsze kwiaty; d. 26 wschodzą ziemniaki, olsza



rozwija się; d. 28 rozwija się grusza; d. 29 rozwija się lipa, kasztan i topola; d. 30 zakwitła trześnia; d. 31 zakwitła grusza.

W Czerwcu d. 4 zakwitła jabłoń a jesion rozwija się; d. 8 zakwitł kasztan.

W Lipcu d. 9 i 10 w Tatrach śnieg; d. 21 zakwitła lipa.

We Wrześniu d. 18 deszcz ze śniegiem.

b) W Czortkowie przez JP. JANA BUSZAKA.

(Czas kwitnienia).

W Kwietniu d. 12 *Anemone hepatica*, *Cornus mas*, *Populus alba*; d. 17 *Galanthus nivalis*, *Corydalis lutea*, *C. cava*, *C. fabacea*, *C. solida*, *Anemone nemorosa*, *Anemone ranunculoides*, *Chrysosplenium alternifolium*, *Daphne Mezereum*, *Gagea lutea*, *Isopopyrum thalictroides*, *Pulmonaria officinalis* i *Scilla bifolia*; d. 28 *Adonis vernalis*, *Anemone pulsatilla*, *Potentilla vernalis* i *Viola Martii*.

W Październiku d. 15 *Bupleurum falcatum*, *Centaurea Cyanus*, *Centaurea Jacea*, *Delphinium Consolida*, *Euphrasia officinalis*, *Geranium Robertianum*, *Gnaphalium arenarium*, *Linaria vulgaris*, *Leontodon autumnale*, *Papaver Rhoeas*, *Scabiosa arvensis*, *Scabiosa ochroleuca*, *Seseli coloratum*, *Veronica agrestis* i *Viola tricolor*; d. 22 *Galium Mollugo* i *Senecio vulgaris*.

c) W Peczeniżynie przez JX. SZMERYKOWSKIEGO.

k = kwitnienie, d = dojrzewanie.

*Akacya* k. 6 VI; *Bez czarny* k. 8 VI; *Bez turecki* k. 20 V; *Czeremcha* k. 12 V; *Głóg biały* k. 2 VI; *Kalina* k. 3 VI; *Kasztan dziki* k. 29 V; *Lipa* k. 2 VII; *Malina* k. 2 VI, d. 9 VII; *Porzeczka* d. 8 VII; *Trzmielina* k. 18 VI; *Winograd* k. 2 VII; *Żywopłot* (*Lycium*) k. 24 V.

*Bób* k. 17 VI; *Mak* k. 11 VII; *Słonecznik* k. 13 VII; *Żyto* k. 3 VI, d. 18 VII.



### 3. Spostrzeżenia fitofenologiczne w okolicy Krakowa w r. 1877

przez JP. IGNACEGO БОЕПМА c. k. Komisarza Policji.

Miejszem spostrzeżeń było i w tym roku Podgórze w Galicyi zachodniej, na prawym brzegu Wisły, naprzeciw Krakowa. Co do wyboru roślin trzymano się zasad podanych przy spostrzeżeniach z lat poprzednich (zob. T. VII str. [167]).

W spisie następującym głoska *l.* oznacza listnienie, *k.* kwitnienie, *d.* dojrzewanie nasienia, *o.* opadanie liści, *kk.* powtórne kwitnienie. Przy nazwiskach roślin domyślną jest głoska *I.*

*Abies excelsa* LAM. k. 5—10 V; *Acer platanoides* l. 5—10 V, k. 15—20 IV, d. 5—10 IX; o. 5—10 X; *Acer pseudo platanus* l. 15—20 IV, k. 5—10 V, d. 5—10 X, o. 5—10 X; *Achillea millefolium* k. 20—25 V, d. 15—20 VI; *Adonis aestivalis* k. 10—15 V, d. 20—25 VI; *Aesculus Hippocast.* k. 10—15 IV, k. 5—10 V, d. 10—15 X, o. 1—5 X; *Aethusa Cynapium* k. 15—20 V, d. 15—20 VII, kk. 10—15 X; *Agrimonia Eupatoria* k. 5—10 VI; *Aira caespitosa* k. 25—30 VI; *Ajuga genevensis* k. 25—30 VI, d. 1—5 VII; *Alisma Plantago* 1—5 VI, 20—25 VII; *Alliaria officinalis* ANDRZ. k. 20—25 IV, d. 25—30 V; *Allium fallax* DON. k. 5—10 VI, 25—30 IV; *Alnus glutinosa* GAERTN l. 5—10 IV, k. 25—30 III, d. 25—30 IX, o. 10—15 X; *A. incana* WILLD., l. 5—10 IV, k. 1—5 IV, d. 1—5 X, o. 10—15 X; *Alopecurus pratensis* k. 10—15 V, 15—20 VI; *Alsine media* k. 5—10 III i aż do listop. *Amaranthus retroflexus* k. 15—20 VI, d. 1—5 VIII; *Anagallis arvensis* k. 10—15 V, d. 10—15 VI, kk. 5—10 IX; *Anemone nemorosa* k. 10—15 IV, d. 10—15 V; *A. patens* k. 20—25 IV, d. 15—20 V; *Anemone pratensis* k. 20—25 IV, d. 15—20 V; *A. ranunculoides* k. 15—20 IV; *Anthemis arvensis* k. 25—30 V, d. 15—20 VII; *A. cotula* k. 1—5 VI, d. 20—25 VII; *Anthoxanthum odoratum* k. 5—10 V, d. 15—20 VI; *Anthyllis vulneraria* k. 20—25 V, d. 5—10 VIII; *Arabis hirsuta* SCOP. k. 1—5 V, d. 1—5 VI; *Artemisia Absinthium* k. 10—15 VII, d. 5—10 IX; *A. campestris* k. 10—15 VII, d. 1—5 IX; *Arundo Phragmites* k. 10—15 VII; *Asarum europaeum* k. 1—5 V; *Asparagus officinalis* k. 10—15 V, d. 10—15 VIII; *Asperula cynanchica* 25—30 V; *Astragallus glycyphyllos* k. 10—15 VI, d. 5—10 VIII; *Astrantia major* k. 25—30 V, d. 10—15 VII; *Atriplex nitens* REBENT. k. 25—30 VI, d. 25—30 VII; *A. ruderalis* WALLR. 25—30 VI, d. 25—30 VII; *Avena fatua* k. 1—5 VI, d. 10—15 VII; *A. pratensis* k. 5—10 VI, d. 1—5 VIII; *A. sativa* k. 1—5 VI, d. 10—15 VII.

*Ballota nigra* k. 1—5 VII, d. 1—5 VIII; *Bellis perennis* k. 20—25 III; *Berberis vulgaris* l. 10—15 IV, k. 10—15 V, d. 5—10 IX, o. 20—25 X; *Betula alba* l. 5—10 IV, k. 10—15 IV, d. 20—25 IX, o. *Bidens cernua* k. 20—25 VI, d. 15—20 VIII;



*B. tripartita* k. 15—20 VI, d. 15—20 VIII; *Briza media* k. 10—15 VI.

*Callitriche autumnalis* k. 1—5 VII; *Calluna vulgaris* SALISB. k. 25—30 VI; *Caltha palustris* k. 5—10 VI, d. 1—5 VI, kk. 25—30 IX; *Camelina sativa* CRANTZ. k. 10—15 V, d. 15—20 VI; *Campanula persicifolia* k. 15—20 V, d. 25—30 VII; *C. Trachelium* k. 25—30 VI, d. 5—10 VIII; *Cannabis sativa* k. 25—30 VI, d. 15—20 VIII; *Capsella Bursa pastoris* VENT. k. 1—5 IV, d. 10—15 V; *Caragana arborescens* l. 20—25 IV, k. 10—15 V, d. 15—20 VII, o. 15—20 X; *Cardamine amara* k. 15—20 V, 15—20 VI; *C. pratensis* k. 25—30 VI, d. 1—5 VI; *Carduus acanthoides* k. 1—5 VII, d. 5—10 IX; *Carum Carvi* k. 5—10 V, d. 5—10 VI; *Centaurea Cyanus* k. 25—30 V, d. 1—5 VIII; *C. Jacea* k. 5—10, VI, d. 10—15 VIII; *C. paniculata* k. 1—5 VII, d. 10—28 VIII; *C. scabiosa* k. 5—10 VII, d. 20—25 VIII; *Cerastium arvense* k. 10—15 IV, d. 15—20 V; *C. semidecandrum* k. 25—30 III, d. 5—10 V; *Cerinthe minor* k. 15—20 V, d. 25—30 VI; *Chelidonium majus* k. 20—25 IV, d. 20—25 V; *Chenopodium olidum* CURT. k. 1—5 VII, d. 5—10 VIII; *Ch. polyspermum* k. 1—5 VII, d. 5—10 VIII; *Ch. viride* k. 25—30 VI, d. 1—5 VIII; *Chrysanthemum Leucanthemum* k. 5—10 VI, d. 10—15 VIII; *Cichorium Intybus* k. 25—30 VI, d. 1—5 IX; *Cnicus arvensis* WILLD. k. 20—25 VI, d. 20—25 VIII; *C. canus* ALL. k. 25—30 VI, d. 5—10 IX; *C. lanceolatus* Scop. k. 5—10 VII, d. 10—15 IX; *C. oleraceus* Scop. k. 10—15 VI, d. 20—25 VIII; *Cochlearia Armoracia* k. 20—25 V; *C. Draba* k. 25—30 IV, d. 1—5 VI, kk. 5—10 VI; *Colutea arborescens* l. 5—10 IV, k. 10—15 V, d. 15—20 VII, o. 20—25 X; *Conium maculatum* k. 20—25 VI, d. 1—5 VIII; *Convallaria majalis* l. 1—5 V, d. 1—5 VIII; *C. Polygonatum* k. 10—15 V, k. 1—5 VIII; *Convolvulus arvensis* k. 5—10 VI, d. 20—25 VII; *C. sepium* k. 15—20 VI, d. 1—5 VIII; *Cornus alba* k. 10—15 V, d. 20—25 VIII, o. 20—25 X; *C. mascula* l. 15—20 IV, k. 20—25 III, d. 15—20 VIII, o. 15—20 X; *C. sanguinea* l. 20—25 IV, k. 10—15 V, d. 20—25 VIII, o. 20—25 X; *Coronilla varia* k. 25—30 V, d. 15—20 VII; *Corydalis bulbosa* PERS. k. 10—15 IV, d. 10—15 V; *C. fabacea* PERS. k. 10—15 IV, d. 10—15 V; *Corylus avellana* l. 1—5 IV, k. 15—20 III, d. 25—30 VIII, o. 20—25 X; *Crataegus Oxycantha* l. 5—10 IV, k. 10—15 V, d. 25—30 VIII, o. 20—25 X; *Cucubalus baccifer* k. 25—30 VI, d. 5—10 VIII, o. 5—10 VIII; *Cynanchum Vincetoxicum* PERS. k. 5—10 VI, d. 15—20 VII; *Cynoglossum officinale* k. 15—20 V, d. 1—5 VII; *Cytisus biflorus* l'HERIT. k. 1—5 V, d. 5—10 VII; *C. Laburnum* l. 5—10 IV, k. 10—15 V, d. 15—20 VIII, o. 20—25 X; *C. nigricans* k. 25—30 V, d. 1—5 VIII.

*Dactylis glomerata* k. 1—5 VI, d. 10—15 VII; *Daphne Mezereum* l. 5—10 IV, k. 10—15 III, d. 10—15 VII; *Datura Stramonium* k. 25—30 VI, d. 10—15 VIII; *Daucus Carotta* k. 25—30 VI, d. 10—15 VIII; *Delphinium Consolida* k. 10—15 V, d.



1—5 VII; *Dianthus Carthusianorum* k. 5 — 10 VI, d. 25—30 VII; *D. deltoides* k. 5—10 VI, d. 1—5 VIII; *Dipsacus sylvestris* k. 10—15 VII, d. 20—25 VIII; *Drosera rotundifolia* 1—5 VII.

*Echinochloa Crus Galli* P. B. k. 20—25 V, d. 25—30 VI; *Echinosperrum Lappula* Sw. k. 25—30 V, d. 25—30 VII; *Echium vulgare* k. 25—30 V, d. 5—10 VII; *Epilobium Dodonaei* VILL. k. 15—20 V, d. 15—20 VI; *E. hirsutum* k. 20—25 V, d. 15—20 VI; *Erigeron acris* k. 25—30 VI, d. 1—5 VIII; *Erodium cicutarium* l'HERIT k. 5—10 IV, d. 10—15 V; *Errum hirsutum* k. 10—15 VI, d. 15—20 VII; *Erysimum Barbarea* k. 20—25 IV, d. 1—5 VI; *E. officinale* k. 5—10 V, d. 10—15 VI; *Erythrea Centaurium* k. 25—30 VI; *Euphorbia Cyparissias* k. 1—5 V, d. 15—20 VII; *E. Esula* k. 10—15 V, d. 25—30 VI; *Euphrasia officinalis* k. 5—10 VII, 10—15 VIII; *Evonymus europaeus* l. 10—15 IV, k. 5—10 V, d. 5—10 IX, o. 10—15 X; *E. verrucosus* JACQ. l. 10—15 IV, k. 5—10 V, d. 1—5 IX, o. 10—15 X.

*Falcaria Rivini* HOST. k. 5—10 VII; *Ficaria ranunculoides* k. 15—20 IV, kk. 1—5 X; *Fragaria vesca* k. 25—30 IV, d. 25—30 V, kk. 15—20 IX; *Fumaria officinalis* k. 25—30 IV, d. 25—30 V.

*Gagea lutea* KERR. k. 5—10 IV; *Galeobdolon luteum* SUM. k. 5—10 V, d. 1—5 VII; *Galeopsis Ladanum* k. 5—10 VI, d. 15—20 VII; *G. Tetrahit* k. 1—5 VI, d. 10—55 VII; *Galinsoga parviflora* CAVAN. k. 15—20 VI, d. 1—5 VIII (*aufuga ex hortis, valde molesta*); *Galium Aparine* k. 5—10 VI, d. 5—10 VII; *G. Mollugo* k. 15—20 V; *G. palustre* k. 20—25 V, d. 5—10 VII; *G. verum* k. 5—10 VI; *Genista tinctoria* k. 25—30 VI, d. 10—15 VIII; *Geranium columbinum* k. 5—10 V, d. 5—10 VI, kk. 20—25 IX; *G. pratense* k. 25—30 V, d. 1—5 VII; *G. Robertianum* k. 1—5 V, d. 1—5 VI; *Geum urbanum* k. 25—30 V; *Glechoma hederacea* k. 5—10 IV, d. 20—25 V, kk. 1—5 X.

*Helianthemum vulgare* k. 25—30 V; *Heracleum Sphondylium* 5—10 VI, 1—5 VIII; *Hieracium Pilosella* k. 1—5 VI, d. 20—25 VII; *Holosteum umbellatum* k. 15—20 III, 20—30 IV; *Humulus Lupulus* k. 15—20 VI; *Hyoscyamus niger* k. 5—10 VI, d. 1—5 VIII; *Hypericum perforatum* k. 15—20 VI.

*Impatiens parviflora* DECAND. k. 15—20 VI, 15—20 VII (*aufuga ex hortis*); *Inula britannica* k. 5—10 VII, d. 20—25 VIII; *I. germanica* k. 1—5 VII, d. 20—25 VIII; *Iris pseudacorus* k. 20—25 V, d. 5—10 VIII; *Juglans regia* l. 25—30 IV, k. 10—15 V, d. 10—15 IX, o. 15—20 X; *Juncus conglomeratus* k. 5—10 VI; *J. effusus* k. 5—10 VI; *Juniperus communis* k. 10—15 IV.

*Lamium album* k. 5—10 V, d. 20—25 VI; *L. amplexicaule* k. 1—5 IV, d. 10—15 V, kk. 5—10 IX; *L. purpureum* k. 1—5 IV, d. 15—20 V, kk. 15—20 IX; *Lampsana communis* k. 1—5 VII, d. 10—15 VIII; *Lappa major* GAERTN. k. 1—5 VII, d. 1—5 IX; *Lathyrus pratensis* k. 10—15 V, d. 5—10 VII; *L. tuberosus* k.



1—5 VI, d. 1—5 VIII; *Leontodon autumnale* k. 20—25 VII, d. 25—30 VIII; *L. Taraxacum* k. 10—15 IV, d. 15—20 V; *Leonurus Cardiaca* k. 25—30 VI, d. 25—30 VII; *Ligustrum vulgare* l. 15—20 IV, k. 25—30 V, d. 1—5 IX, o. 5—10 XI; *Linaria vulgaris* k. 20—25 V, d. 1—5 VII; *Linum catharticum* k. 5—10 V, d. 10—15 VI; *Lithospermum arvense* k. 10—15 IV, 15—20 V; *Lolium perenne* k. 15—20 VI, d. 20—55 VII; *Lonicera Caprifolium* l. 15—20 IV, k. 15—20 V, d. 1—5 VIII, o. 5—10 XI; *L. tatarica* l. 10—15 IV, k. 25—30 V, d. 1—5 VIII, o. 10—15 X; *L. Xylosteum* l. 10—15 IV, k. 5—10 V, d. 25—30 VII, o. 15—20 X; *Lotus corniculatus* k. 20—25 V, d. 1—5 VII; *Lychnis diurna* SIBTH. k. 10—15 V, 20—30 VII; *L. Flos cuculi* k. 10—15 V, d. 25—30 VI; *L. Githago* Scop. k. 25—30 VI, d. 10—15 VII; *Lycium barbarum* l. 10—15 IV, 1—5 VI, d. 5—10 VIII, o. 20—25 X; *Lycopus europaeus* k. 10—15 VI, d. 15—30 VII; *Lysimachia nummularia* k. 1—5 VI; *L. vulgaris* k. 10—15 VI, d. 1—5 VIII; *Lythrum Salicaria* k. 15—20 VI.

*Malva crispa* k. 5—10 VII, d. 20—25 IX; *M. rotundifolia* k. 15—20 V, d. 5—20 VII; *M. sylvestris* k. 1—5 VII, d. 15—20 VIII; *Matricaria Chamomilla* k. 25—30 V, d. 10—15 VII; *Medicago falcata* k. 1—5 VI, d. 1—5 VIII; *M. lupulina* k. 10—15 V, d. 25—30 VI; *Melampyrum arvense* k. 5—10 VI, d. 5—10 VIII; *M. nemorosum* k. 10—15 VI, d. 15—20 VII; *Melilotus officinalis* k. 15—20 VI, d. 1—5 VIII; *Mentha aquatica* k. 10—15 VI, d. 1—5 VIII; *Morus alba* l. 25—30 IV, k. 20—25 V, d. 25—30 VI, o. 5—10 X; *Myosotis arvensis* SIBTH. k. 10—15 IV; *M. palustris* WITH. k. 10—15 V, d. 20—25 VI.

*Nasturtium amphibium* R. Br. k. 20—25 V, d. 10—15 VII; *Negundo fraxinifolium* MOENCH. l. 15—20 IV, k. 15—20 IV, d. 5—10 IX, o. 5—10 X; *Nepeta Cataria* k. 15—20 VI, d. 5—10 VIII; *Nonnea pulla* DECAND. k. 25—30 IV, d. 1—5 VI; *Nuphar luteum* SM. k. 1—5 VI, d. 1—5 VIII.

*Odontites verna* REICH. k. 10—15 V, d. 20—25 VI; *Oenanthe Phellandrium* LAM. k. 25—30 VI, d. 10—15 VIII; *Oenothera biennis* k. 15—20 VI, d. 5—10 VIII; *Ononis hircina* JACQ. k. 20—25 VI, d. 1—8 VIII; *O. spinosa* k. 20—25 VI, d. 5—10 VIII; *Onopordon Acanthium* k. 15—20 VII, d. 10—15 IX; *Orobis niger* k. 10—15 V, d. 15—20 VI; *O. vernus* k. 15—20 IV, d. 20—25 V; *Oxalis acetosella* k. 20—25 IV; *O. stricta* JACQ. k. 10—15 V, d. 10—15 VI.

*Papaver Argemone* k. 20—25 V, d. 15—20 VII; *P. Rhoeas* k. 15—20 VII; *Pastinaca sativa* k. 5—10 VI, d. 25—30 VII; *Peucedanum Cervaria* CUSS. k. 20—25 VI, d. 5—10 VIII; *Philadelphus coronarius* l. 20—25 VI, k. 5—10 VI, o. 10—15 X; *Phleum pratense* k. 25—30 V, d. 1—5 VII; *Pimpinella saxifraga* k. 25—30 V, d. 15—20 VII; *Pinus Larix* l. 5—10 IV, k. 10—15 IV, o. 25—30 X; *P. sylvestris* k. 1—5 V; *Plantago lanceolata* k. 20—25 V,



d. 1—5 VII; *P. major* k. 15—20 V, d. 5—10 VII; *P. media* k. 15—20 V, d. 5—10 VII; *Polygala vulgaris* k. 25—30 IV; *Polygonum amphibium* k. 1—5 VII, d. 1—5 VII; *P. aviculare* k. 1—5 V, d. 5—10 VI; *P. Bistorta* k. 15—20 V; *P. hydropiper* k. 15—20 VI, d. 25—30 VII; *P. Persicaria* k. 15—20 VI, d. 25—30 VII; *Populus alba* l. 10—15 IV, k. 5—10 IV, d. 5—10 V, o. 15—20 X; *P. nigra* l. 5—10 IV, k. 5—10 IV, d. 5—10 V, 20—25 X; *P. tremula* l. 10—15 IV, k. 5—10 IV, d. 5—10 V, o. 15—20 X; *Potamogeton lucens* k. 5—10 VI, d. 5—10 VII; *Potentilla anserina* k. 15—20 V; *P. canescens* BESS. k. 15—20 V; *P. cinerea* CHAIX. k. 20—25 V; *P. recta* k. 15—20 V; *P. Tormentilla* k. 15—20 V; *Poterium Sanguisorba* k. 10—15 V; *Primula officinalis* JACQ. k. 15—20 IV; *Prunella vulgaris* k. 10—15 V, d. 1—5 VII; *Prunus avium* l. 5—10 IV, k. 20—25 IV, o. 10—15 X; *P. cerasus* l. 5—10 IV, k. 20—25 IV, o. 10—15 X; *P. domestica* l. 10—15 IV, k. 25—30 IV, o. 10—15 X; *P. Padus* l. 5—10 IV, k. 15—20 IV, d. 15—20 VIII, o. 20—25 X; *P. spinosa* l. 10—15 IV, k. 15—20 IV, d. 15—20 VIII, o. 20—25 X; *Pulicaria vulgaris* GAERTN. k. 1—5 VII, d. 5—10 VIII; *Pulmonaria officinalis* k. 15—20 IV; *Pyrus communis* l. 1—5 V, k. 5—10 V, o. 10—15 X; *P. Malus* l. 1—5 V, k. 5—10 V, o. 10—15 X.

*Ranunculus acris* k. 5—10 V, d. 25—30 VI; *R. aquatilis* k. 5—10 V; *R. arvensis* k. 1—5 V, d. 1—5 VI; *R. auricomus* k. 15—20 IV; *R. bulbosus* k. 5—10 V, d. 15—20 VI; *R. lanuginosus* k. 5—10 V, d. 20—25 VI; *R. Lingua* k. 10—15 VI, d. 1—5 VIII; *R. repens* k. 10—15 V; *R. sceleratus* k. 20—25 V, d. 20—25 VII; *Raphanus Raphanistrum* k. 10—15 V, d. 10—15 VI; *Rhamnus Frangula* l. 10—15 IV, k. 1—5 V, d. 25—30 VIII, o. 10—15 X; *Ribes Grossularia* l. 10—15 IV, k. 20—25 IV, d. 10—15 VI, o. 1—5 X; *R. rubrum* l. 15—20 IV, k. 25—30 IV, d. 5—10 VI, o. 25—30 IX; *Robinia Pseudoacacia* l. 25—30 IV, k. 25—30 V, d. 10—15 IX, o. 20—25 X; *Rosa canina* l. 10—15 IV, k. 15—20 V, d. 20—55 VIII, o. 15—20 X; *R. cinnamomea* l. 15—20 IV, k. 5—10 V, o. 15—20 X; *R. rubiginosa* l. 10—15 IV, k. 15—20 V, d. 20—25 VIII, o. 15—20 X; *Rubus fruticosus* k. 15—20 V, d. 10—15 VII; *R. Idacus* k. 15—20 V, d. 10—15 VII; *Rumex acetosa* k. 1—5 VI, d. 5—10 VII; *R. acetosella* k. 1—5 V, d. 1—5 VII; *R. crispus* k. 10—15 VI, d. 25—30 VII; *R. Hydrolapathum* k. 10—15 VI, d. 25—30 VII.

*Sagittaria sagittifolia* k. 1—5 VI; *Salix capraea* l. 5—10 IV, k. 1—5 IV, d. 5—10 V, o. 15—20 X; *S. fragilis* l. 10—15 IV, k. 10—15 IV, d. 10—15 V, o. 15—20 X; *S. triandra* l. 10—15 IV, k. 10—15 IV, d. 15—20 V, o. 15—20 X; *Salvia pratensis* k. 20—25 V, d. 15—20 VII; *Sambucus nigra* l. 15—20 IV, k. 1—5 VI, d. 1—5 IX, o. 5—10 X; *Scabiosa arvensis* k. 5—10 VI, d. 15—20 VII; *S. ochroleuca* k. 25—30 VI, d. 20—25 VII; *Scirpus lacustris* k. 20—25 V; *Scrophularia aquatica* k. 1—5 VII, d. 10—15



VIII; *S. nodosa* k. 18—20 VI, d. 25—35 VII; *Sedum acre* k. 25—30 V; *Senecio Jacobaea* k. 1—5 VII, d. 10—15 VIII; *S. vernalis* WALDST. k. 5—10 V, d. 5—10 VI; *S. viscosus* k. 1—5 V, d. 5—10 VI, kk. 10—15 IX; *S. vulgaris* k. 5—10 IV, d. 10—15 V; *Silene inflata* k. 10—15 V, d. 25—30 VI; *Sinapis arvensis* k. 20—15 V, d. 25—30 VI; *Sisymbrium Sophia* k. 5—10 V, d. 10—15 VI; *Solanum Dulcamara* k. 25—30 V, d. 20—25 VII; *S. nigrum* k. 1—5 VI, d. 10—15 VII; *Sonchus arvensis* k. 10—15 VI, d. 1—5 VII; *S. oleraceus* k. 15—20 VI, d. 1—5 VIII; *Sorbus aucuparia* l. 15—20 IV, k. 5—10 V, d. 1—5 IX, o. 10—15 X; *Sparganium ramosum* k. 25—30 VI, d. 1—15 VIII; *S. simplex* k. 30—2 VI, d. 1—5 VIII; *Spartium Scoparia* SM. k. 15—20 V, d. 10—15 VII; *Spergula arvensis* k. 15—20 V, d. 15—20 VI; *Spiraea Filipendula* k. 20—25 V, d. 1—5 VII; *S. salicifolia* k. 1—5 VI; *S. Ulmaria* k. 1—5 VI, d. 20—25 VII; *Stachys annua* k. 20—25 VI, d. 1—5 VIII; *S. arvensis* k. 10—15 VI, d. 1—5 VIII; *S. palustris* k. 10—15 VI, d. 10—15 VIII; *S. recta* k. 20—25 VI, d. 1—5 VIII; *Stellaria Holostea* k. 1—5 V, d. 5—10 VI; *Symphytum officinale* k. 15—20 V, d. 15—20 VII; *Syringa vulgaris* l. 5—10 IV, k. 1—5 V, d. 15—20 IX, o. 5—10 X.

*Tunacetum vulgare* k. 20—25 VI, d. 15—20 VIII; *Thlaspi arvense* k. 20—25 IV, d. 20—25 V; *Thymus Serpyllum* k. 10—15 VI, d. 1—5 VIII; *Tilia grandifolia* EHRH. l. 20—25 IV, k. 5—10 VI, d. 10—15 VIII, o. 10—15 X; *Trifolium arvense* k. 1—5 VII, d. 5—10 VIII; *T. pratense* k. 10—15 VI, d. 10—15 VIII; *T. procumbens* k. 10—15 V, d. 15—20 VI; *T. repens* k. 15—20 IV, d. 10—15 VI; *Tussilago Farfara* k. 25—30 III, d. 20—25 IV; *Typha latifolia* 10—15 VI.

*Ulmus campestris* l. 10—15 IV, k. 1—5 IV, d. 20—25 V, o. 15—20 X; *Urtica dioica* k. 1—5 VI, d. 1—5 VIII; *U. urens* k. 10—15 V, d. 15—20 VII, kk. 15—20 IX.

*Vaccinium Myrtillus* k. 20—25 IV, d. 10—15 VI; *Valerianella olitoria* MOENCH. k. 25—30 V, d. 5—10 VII; *Verbascum Lychnitis* k. 5—10 VI, d. 5—10 VIII; *V. nigrum* k. 10—15 VI, d. 25—30 VII; *V. phoenicum* k. 10—15 VI, d. 25—30 VII; *V. Thapsus* k. 25—30 VI, d. 15—20 VIII; *Veronica agrestis* k. 1—5 IV, d. 5—10 V; *V. Anagallis* k. 20—25 V, d. 5—10 VII; *V. arvensis* k. 1—5 IV, d. 1—5 V; *V. Beccabunga* k. 20—25 V, d. 5—10 VII; *V. Chamaedrys* k. 15—20 V, d. 15—20 VI; *V. hederacifolia* k. 25—30 III, d. 1—5 V, kk. 10—15 X; *V. officinalis* k. 5—10 V, d. 5—10 VI; *V. serpyllifolia* k. 5—10 V, d. 10—15 VI; *V. triphyllos* k. 25—30 III, d. 25—30 IV, kk. 15—20 X; *Viburnum Opulus* l. 5—10 IV, k. 10—15 V, d. 5—10 IX, o. 10—15 X; *Vicia sativa* k. 25—30 V, d. 10—15 VII; *Viola canina* k. 5—10 IV, d. 10—15 V; *V. odorata* k. 1—5 IV, d. 10—15 V; *V. palustris* k. 25—30 IV; *V. tricolor* k. 10—15 IV, d. 15—20 V.

*Xanthium Strumarium* k. 25—30 VI, d. 20—25 VII.



#### 4. Spostrzeżenia fitofenologiczne poczynione w ogrodzie botanicznym w Warszawie w r. 1877

przez JP. CYBULSKIEGO.

##### Czas kwitnienia.

*Amygdalus communis* 12 V, *Acer dasycarpum* 4 IV, *A. platanoides* 29 IV, *A. pseudoplatanus* 20 V, *Aesculus Hippocastanum* 20 V, *A. rubicunda* 26 V, *Anemone nemorosa* 28 IV, *A. ranunculoides* 26 IV.

*Berberis vulgaris* 28 V, *Bulbocodium vernum* 2 IV.

*Caragana arborescens* 18 V, *Colchicum autumnale* 1 IX. *Cerasus Chamaecerasus* 15 V, *Calophaca wolgarica* 17 VI, *Cornus mas* 9 IV, *Corylus avellana* 24 III, *Crataegus Oxyacantha fl. pl.* 2 VI, *Cydonia vulgaris* 1 VI.

*Daphne Mezereum* 30 III, *Dictamnus Fraxinella* 7 VI.

*Elaeagnus angustifolia* 18 VI.

*Fritillaria imperialis* 12 V, *Fragaria vesca* 22 V, *Fraxinus excelsior* 10 V, *Ficaria ranunculoides* 26 IV.

*Galanthus nivalis* 22 III, *Gypsophila paniculata* 3 VII.

*Halimodendron argenteum* 18 VI, *Hepatica triloba* 7 IV.

*Iris germanica* 3 VI.

*Lilium candidum* 3 VII, *Lonicera tatarica* 23 V, *Liriodendron tulipifera* 16 VI.

*Muscari racemosum* 25 IV.

*Narcissus poeticus* 20 V.

*Orobis vernus* 5 V.

*Primula veris* 29 IV, *Papaver orientale* 6 VI, *Prunus Padus* 12 V, *P. spinosa* 13 V, *P. virginiana* 27 V, *Pulmonaria officinalis* 19 IV, *Pulsatilla vulgaris* 18 IV, *Philadelphus coronarius* 7 VI, *Paeonia officinalis* 5 VI, *Pyrus communis* 14 V, *P. Malus* 19 V.

*Ribes aureum* 13 V, *R. Grossularia* 30 IV, *R. rubrum* 5 V, *Robinia Pseudoacacia* 6 VI, *Rosa centifolia* 19 VI, *Rubus Idaeus* 8 VI.

*Salix caprea* 9 IV, *Sambucus nigra* 10 VI, *Saxifraga crassifolia* 18 IV, *Scilla sibirica* 8 IV, *Scopolina atropoides* 11 IV, *Sedum acre* 16 VI, *S. sexangulare* 24 VI, *S. Telephium* 20 VIII, *Sorbus Aucuparia* 22 V, *Spirea Aruncus* 11 VI, *S. opulifolia* 9 VI, *S. Ulmaria* 21 VI, *Secale cereale (hybernum)* 8 VI, *Syringa chinensis* 23 V, *S. persica* 29 V, *S. vulgaris* 17 V.

*Tussilago Farfara* 7 IV, *Tilia grandifolia* 22 VI, *T. parvifolia* 28 VI, *T. argentea* 20 VII, *Triticum vulgare (hybernum)* 22 VI.

*Ulmus campestris* 10 IV.

*Viburnum opulus* 7 VI, *V. Lantana* 22 V, *Viola odorata* 8 V.



# Spostrzeżenia pojawów w świecie zwierzęcym w r. 1877.

## I W Krzeszowicach przez JP. Majewskiego.

Czas przylotu i odlotu ptaków.

Bocian 31 III—6 IX; Czajka 27 III—20 IX; Czyżyk 21 III—1 X; Drozd 18 III—4 X; Dudek 15 IV—5 X; Gajówka czarnogłowa 5 III—15 X; Geś dzika 5 III—15 X; Gil 14 XII; Gołąb 20 III—24 IX; Gołąb skalny 20 III—26 IX; Jaskółka dymówka 12 IV—27 X; Jezyk mурowy 10 IV—26 X; Kaczka dzika 9 VI—20 X; Kawka 18 III—20 X; Krasowronka 1 IV—1 IX; Krzyk 13 IV—26 IX; Kukulka 11 IV—5 IX; Kwiczoł 10 XII; Lelek kozodój 24 III—10 X; Pliszka 18 III—27 X; Przepiórka 15 V—6 X; Skowronek 5 III—4 X; Słomka 26 IV—6 X; Słowik rdzawy 1 V—26 VIII; Turkawka 3 III—23 VIII; Wilga 6 V—29 VIII; Zięba 18 III—24 IX; Żóraw 10 III—6 X.

W Styczniu d. 8 latały w Czerny około skał świetliki (*Lampyrus nocticula*); tegoż dnia złapano jeszcze żywego żałobnika (*Vanessa antiopa*).

W Marcu d. 5 dał się słyszeć pierwszy śpiew skowronka (*Alauda arvensis*); d. 23 wylazły żaby (*rana esculenta*); tegoż dnia pokazał się listkowiec cytrynowiec; d. 25 pokrzywnik i bielinek; d. 30 widziano pierwsze mrówki (*formica rufa*); d. 31 zjawił się bocian (*ciconia alba*).

W Kwietniu d. 12 ukazała się jaskółka dymówka (*hirundo rustica*); d. 11 dała się słyszeć kukulka (*Cuculus canorus*).

W Maju d. 1 zaśpiewał pierwszy raz słowik rdzawy (*silvia luscini*a).

## 3. W Bięczu przez JP. Kołowicza.

Bocian biały 3 IV—30 VIII; Czajka czubata 27 III—15 X; Derkacz chruściel 11 V; Dudek 15 IV; Dzierzba cierniokręt 28 IV—24 VIII; Dżdżownik rzeczny 10 IV—21 VIII; Gajówka ogrodowa 26 IV; Gajówka popek, czarnogłowa 18 IV—12 IX; Gawron 16 X—30 III; Geś gęgawa 29 III—10 X; Geś postęwnica —15 IX; Jaskółka dymówka 10 IV—2 X; Jaskółka grzebula 22 V—24 VIII; Jaskółka oknówka 9 V—18 IX; Jezyk 10 V—29 VII; Kukulka 5 V—13 VII; Pliszka biała 20 III—21 X; Pliszka żółta 25 IV—4 IX; Pokrzywka mlaskacz 22 III—18 X; Pokrzywka rudzik 23 III; Pokrzywka słowik 25 IV—30 VIII; Przepiórka 8 V—6 X; Skowronek firlej 2 IV—28 VIII; Skowronek rolnik 19 II—16 X; Szpak 22 III; Turkawka 27 III—26 VIII; Wilga 6 V—3 VIII.

Żaby odezwały się 9 IV.



## 3. W Stanisławowie przez prof. Łomnickiego i JP. Wielowiejskiego.

## a) Owady.

*Aporia crataegi* 13 VI p<sup>2</sup> (w wielkiej mnogości); *Culex pipiens* 17 III p<sup>1</sup> (liczny); *Dorcadion holosericeum* 27 IV p<sup>1</sup>; *Ephemera vulgaris* 28 V p<sup>2</sup> (in copula); *Lethrus cephalotes* 29 IV p<sup>1</sup>, 10 V p<sup>2</sup>; *Tina populi* 12 V p<sup>1</sup>; *Malachius aeneus* 28 V p<sup>2</sup>; *Melolontha vulgaris* 12 V p<sup>1</sup>, 27 V p<sup>2</sup>, 13 VI p<sup>3</sup> (bardzo rzadki); *Opatrum sabulosum* 28 III p<sup>2</sup> (in copula); *Otiorhynchus repletus* 12 V p<sup>2</sup> (in copula), 27 V p<sup>3</sup> (rzadki); *Perla* sp. 17 III p<sup>1</sup> (nad wodami); *Phyllopertha horticola* 6 VI p<sup>2</sup>; *Telephorus rusticus* 28 V p<sup>1</sup>, 4 VI p<sup>2</sup>; *Vanessa polychloros* 28 III (liczny); *Vanessa Urticae* 23 III p<sup>1</sup>.

## b) Skorupiaki.

*Apus cancriformis* 9 V p<sup>1</sup>, 28 V p<sup>2</sup>.

## c) Płazy

*Rana esculenta* 12 IV p<sup>1</sup>.

## d) Ryby

*Abramis vimba* 24 V (tarło).

p<sup>1</sup> = poczyna się pojawiać, p<sup>2</sup> = w pełni pojawu, p<sup>3</sup> = przestaje się pojawiać.

## 4. W Czortkowie przez JP. Jana Buszaka.

W Marcu d. 17 Muchy na oknie w pokoju, Skowronek rolnik, *Vanessa urticae*; d. 23 *Collias Rhamni*; d. 28 Żaby wylazły.

W Kwietniu d. 10 *Vanessa Polychloros*; d. 15 kukułkę słyszano.

W Październiku d. 15 *Collias Rhamni*, *Vanessa urticae*; d. 22 *Geotrypes stercorarius*, *G. mutator* Marsh., *Gryllus campestris*.

## Wypadki spostrzeżeń magnetycznych

zrobionych w Krakowie w r. 1877.

Jak lat poprzednich, tak i roku tego spostrzeżenia magnetyczne robione były celem wyznaczenia zboczenia i nachylenia magnetycznego. Przyrządy ku temu używane były: 1) Teodolit MEYERSTEINA (opisany w VII tomie Repertorium CARLA), i 2) Inklinatorium DAVERA (opisane w roczniku Komisji z r. 1872). W roku bieżącym, zaopatrzywszy się w trwalsze niż poprzednio nici kokonowe, używano stale



przy obserwacjach zboczenia nici pojedynczej, której skrócenie prócz tego każdorazowo wyznaczoném, a następnie przy obliczeniu zboczenia uwzględnioném zostało,

### I. Zboczenie magnetyczne.

| Dzień               | Chwila               | Zboczenie zachodnie |
|---------------------|----------------------|---------------------|
| 1877 d. 11 Sierpnia | 12 g. 49·0 m. popoł. | 8° 32'14            |
| 31 "                | 10 45·0 rano         | 8 29·07             |
| 10 Wrześn.          | 9 50·5 "             | 8 30·85             |
| 23 "                | 9 29·0 "             | 8 24·75             |
| 24 "                | 10 16·5 "            | 8 25·26             |
| " "                 | 10 52·5 "            | 8 26·97             |
| " "                 | 11 22·0 "            | 8 29·71             |
| " "                 | 11 52·0 "            | 8 30·67             |
| " "                 | 12 24·0 popoł.       | 8 31·63             |
| " "                 | 12 52·0 "            | 8 32·38             |
| " "                 | 1 22·0 "             | 8 34·34             |
| " "                 | 1 51·5 "             | 8 35·01             |
| " "                 | 2 22·0 "             | 8 35·67             |
| " "                 | 2 52·0 "             | 8 35·36             |
| 15 Paźdz.           | 9 43·0 rano          | 8 27·05             |
| 17 "                | 10 0·0 "             | 8 26·66             |
| " "                 | 10 35·0 "            | 8 31·42             |
| " "                 | 11 0·0 "             | 8 34·33             |
| " "                 | 11 32·0 "            | 8 37·12             |
| " "                 | 12 0·0 popoł.        | 8 44·71             |
| " "                 | 12 30·0 "            | 8 46·08             |
| " "                 | 1 0·0 "              | 8 44·12             |
| 25 "                | 10 10·0 rano         | 8 29·31             |
| " "                 | 10 30·0 "            | 8 28·77             |
| " "                 | 11 0·0 "             | 8 30·68             |
| " "                 | 11 30·0 "            | 8 29·18             |
| " "                 | 12 0·0 "             | 8 31·36             |
| " "                 | 1 0·0 popoł.         | 8 34·54             |
| " "                 | 1 30·0 "             | 8 31·25             |
| " "                 | 2 0·0 "              | 8 32·57             |

Średnia z 17tu przedpołudniowych spostrzeżeń wynosi 8°29'59, zaś średnia z 13tu popołudniowych spostrzeżeń wynosi 8°36'08, wreszcie średnia ogólna jest 8°32'84.

### II. Nachylenie magnetyczne.

| Dzień              | Igła 1                 | Igła 2                 |
|--------------------|------------------------|------------------------|
| 1877 d. 31 Sierpn. | 64°35'62 o g. 11 m. 20 | —                      |
| 11 Wrześn.         | —                      | 64°32'25 o g. 9 m. 57  |
| 24 "               | 64 35·56 o g. 11 m. 16 | 64 40·94 o g. 10 m. 45 |
| 17 Paźdz.          | 64 39·75 o g. 11 m. 33 | 64 36·56 o g. 11 m. 16 |
| 23 "               | 64 38·50 o g. 10 m. 35 | 64 37·88 o g. 11 m. 10 |
| Średnia            | 64°37'36               | 64°36'91               |



| Dzień               | Igła 3                 | Igła 4                 |
|---------------------|------------------------|------------------------|
| 1877 d. 31 Sierpnia | 64°33'25 o g. 12 m. 5  | —                      |
| 11 Wrześn.          | —                      | 64°33'06 o g. 10 m. 29 |
| 24 „                | 64 37'50 o g. 12 m. 8  | 64 41'99 o g. 11 m. 41 |
| 17 Paźdz.           | 64 35'69 o g. 11 m. 58 | 64 39'50 o g. 12 m. 30 |
| 23 „                | 64 39'25 o g. 11 m. 42 | 64 39'12 o g. 12 m. 16 |
| Średnia             | 64°36'42               | 64°38'42               |

Ogólna średnia z tych 16tu spostrzeżeń jest  $i = 64^{\circ}37'28$ .

Dr. Wierzbicki.

### Dodatek do sprawozdania o gradach w r. 1877.

Już po ukończeniu druku sprawozdania o gradach 1877 podanego powyżej (str. [146 — 149]) nadeszły z c. k. Starostw następujące o gradobicu d. 13 czerwca 1877 wiadomości:

W powiecie białskim grad nawiedził gminy: Brzeziuka, Pławy, Oświęcim, Stare-Stawy, Zaborze, Dwory, Monowice, Włosienica, Poreba wielka i Grojec. Gradowa burza przeciągła przez te wsi około godziny 2 po południu od PdZ. ku W. i trwała blisko przez pół godziny. Wielkość i kształt ziarn gradowych były rozmaite, od wielkości i kształtu bobu do małego orzecha włoskiego. W powiecie dąbrowskim poniosły od gradu szkodę gminy: Adamierz, Źwików, Gorzyce, Pilcza żelichowska, Olesno, Swarzów, Sieradza i Wielopole. Bliższych szczegółów nie podano.

Gradobicie d. 18 sierpnia 1877 oprócz wspomnianych powyżej (str. [148]) Chłopczyce i Nowosiółek gościnnych w powiecie rudeckim nawiedziło jeszcze gminy: Błozew dolną, Burczyce stare i nowe, Koniuszki siemianowskie, Michalewice, Ostrów, Szeptyce, Wańkowice i Zagórze. Grad padał między godziną 8 a 10 z rana, był wielkości orzechów laskowych a po części włoskich, tak silny i obfity, że zboże i ziemniaki z ziemią zrównane zostały, a miejscami warstwa gradowa przeleżała przez całe 24 godzin.

Dr. Wierzbicki.



## Spis Przedmiotów.

|  |       |
|--|-------|
| Wypadki spostrzeżeń meteorologicznych dokonanych w Galicyi w roku meteorologicznym 1877, zestawione w c. k. Obserwatoryjum astronom. krakowskiem pod nadzorem Prof. Dra KARLIŃSKIEGO . . . . . | [3]   |
| Ciepłota w stopniach CELSIUSZA . . . . .   | [8]   |
| Ciśnienie powietrza w millimetrach . . . . .   | [38]  |
| Średni kierunek wiatru . . . . .   | [60]  |
| Stan zachmurzenia nieba . . . . .  | [88]  |
| Ilość opadu w millimetrach . . . . .   | [118] |
| Grady w roku 1877, przez Dra WIERZBICKIEGO . . . . .   | [146] |
| Wykaz stanu wody na rzekach galicyjskich w r. 1877 zestawiony pod nadzorem Prof. Dra KARLIŃSKIEGO . . . . .  | [149] |
| Spostrzeżenia fitofenologiczne z r. 1877 . . . . .   | [198] |
| 1. Z Krzeszowic, Bięcza i Stanisławowa . . . . .   | [198] |
| 2. Z Poronina, Czortkowa i Peczeniżyna . . . . .   | [203] |
| 3. Z okolicy Krakowa przez JP. BOEHMA . . . . .  | [205] |
| 4. Z Warszawy przez JP. CYBULSKIEGO . . . . .  | [211] |
| Spostrzeżenia pojawów w świecie zwierzęcym w r. 1877 . . . . .   | [212] |
| 1. Z Krzeszowic przez JP. MAJEWSKIEGO . . . . .  | [212] |
| 2. Z Bięcza przez JP. KOTOWICZA . . . . .  | [212] |
| 3. Ze Stanisławowa przez Prof. ŁOMNICKIEGO . . . . .   | [213] |
| 4. Z Czortkowa przez JP. BUSZAKA . . . . .   | [213] |
| Wypadki spostrzeżeń magnetycznych zrobionych w Krakowie w r. 1877 przez Dra WIERZBICKIEGO . . . . .  | [213] |
| Dodatek do sprawozdania o gradach w r. 1877 przez Tegoż . . . . .  | [215] |

### Dostrzeżone omyłki druku.

|            |  |                   |
|------------|--|-------------------|
| Str. [43]  | Złoczów: średnia miesięczna zamiast 723.43 | winno być 733.43  |
| Str. [135] | Stara-Wieś: suma opadn                     | " 12.38 " " 123.8 |









